
South Dakota GAME REPORT

No. 2018 - 05

2017

Annual Report

BIG GAME HARVEST PROJECTIONS

Corey Huxoll

**Game Harvest Surveys Coordinator
Division of Wildlife
South Dakota Department of Game, Fish and Parks
Joe Foss Building, 523 E. Capitol Ave.
Pierre, South Dakota 57501-3182**

PREFACE

Big game harvest estimates reported herein for the 2017 big game seasons were developed as described in Wildlife Survey Manual, 2009-2015, South Dakota Department of Game, Fish and Parks. Species-specific methodologies are reported there.

Wildlife Division Terrestrial Resources Section personnel (all seasons except Bighorn sheep and Mountain goat – Corey Huxoll; Bighorn sheep and Mountain goat – Chad Lehman) were responsible for development of these harvest estimates, as part of Federal Aid for Wildlife Restoration as Project W-95-R. Harvest survey responses were taken directly over the Internet using Qualtrics® or the SDGFP website, or were processed and encoded by Erin Moehring, Dana Ertz, and Corey Huxoll.

This report funded in part by Federal Aid Project W-95-R



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SPRING PRAIRIE TURKEY

The 2017 Spring Prairie Turkey season was open April 8 through May 21 for all units except Davison/Hanson, and Lincoln, which had split seasons. License sales totaled 6,577 (5,364 residents and 1,213 nonresidents) compared to 6,850 in 2016. There were 6,677 licenses available and overall tag sales totaled 7,371. Only single and double tag male turkey licenses were available.

The survey sample size was 4,881 (81% of all hunters) and the response rate was 79%. Surveys were sent via email and regular mail. The reported overall success rate for hunters was 45% and the projected harvest was 3,328 turkeys, including 5 hens.

Spring prairie turkey hunters averaged 2.50 days hunting for a projected total of 15,003 hunting days. Respondents were asked to gauge their satisfaction of the season (1 being least satisfied, 7 being most satisfied) and the average response was 5.55.

Comparison of the 2008-2017 Spring Prairie Turkey Seasons

Year	Res Lic	NR Lic	Tags	Harvest		Success	Avg Days Hunted	Satisf
				Males	Hens			
2008	6,118	1,252	11,228	5,333	588	53%	2.73	5.64
2009	6,284	1,195	12,472	5,769	600	51%	2.93	5.81
2010	6,445	1,246	12,655	5,809	755	52%	2.93	5.81
2011	6,817	1,247	13,203	4,989	547	42%	2.70	5.50
2012	6,479	1,384	12,802	5,112	442	43%	2.58	5.67
2013	6,489	1,385	12,879	4,732	481	41%	2.57	5.33
2014	5,888	1,301	8,962	3,491	106	40%	2.40	5.26
2015	5,604	1,357	8,470	3,555	10	42%	2.64	5.34
2016	5,648	1,202	7,907	2,482	4	31%	2.72	5.49
2017	5,364	1,213	7,371	3,323	5	45%	2.50	5.55

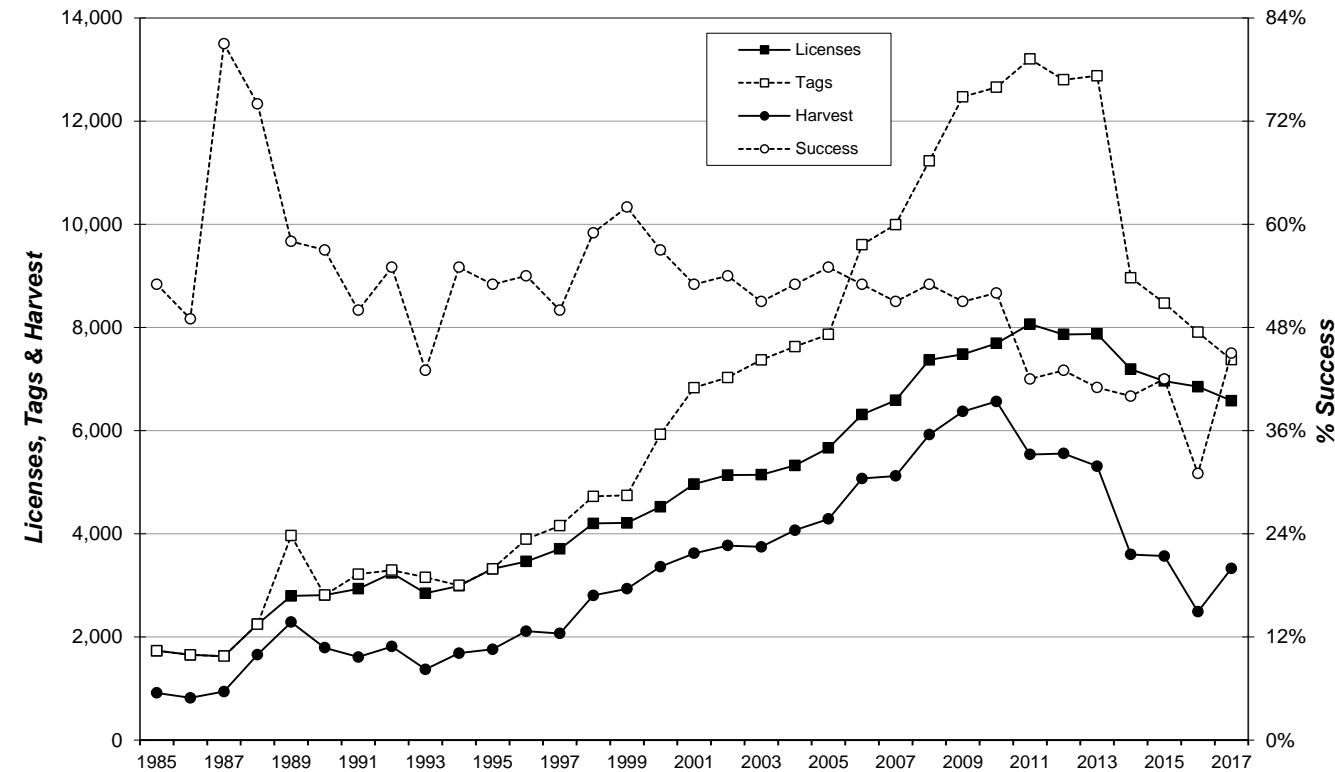
South Dakota Game Report No 2018-05 - 2017 Big Game Harvest Projections
Corey Huxoll

2017 Spring Prairie Turkey Harvest Projections

Last Revised:
08/31/2017

County Unit		License		Licenses												1st		2nd		Harvest Projections				Avg Days	Mean Satisfctn
				Resident			Nonresident			Response	Tags	Tag	Hunter	LCI	UCI					Males		Total			
				Appl. 1st	Choice *	Avail.	Sold	Choice *	Avail.											Sold	Adults		Jakes		
Type	Hunters	Choice *	Avail.	Sold	Choice *	Avail.	Sold	Rate	sold	Success	Success	LCI	UCI	tag	tag	Adults	Jakes	Hens	Harvest	Hunted	Score				
Bennett	32	33	25	30	30	15	3	3	88%	33	45%	45%	39%	52%	45%	14	1	0	15	2.17	5.35				
Bon Homme	32	251	191	250	251	0	0	0	74%	251	43%	43%	38%	48%	43%	77	32	0	109	2.91	5.61				
Brookings	32	20	47	20	20	0	0	0	95%	20	44%	44%	40%	50%	44%	9	0	0	9	3.11	5.47				
Brule	32	127	31	150	124	0	0	26	76%	150	42%	45%	39%	51%	42%	56	8	0	64	1.80	5.96				
Butte/Lawrence	32	281	75	350	194	97	28	185	82%	379	44%	48%	43%	53%	44%	165	3	0	168	2.20	5.85				
Campbell/Walworth	32	10	23	10	10	0	0	0	90%	10	56%	56%	50%	60%	56%	6	0	0	6	1.78	6.00				
Charles Mix/Douglas	32	350	315	350	350	0	0	0	75%	350	41%	41%	36%	46%	41%	126	17	0	143	2.23	5.50				
Clay	32	117	75	120	118	0	0	2	78%	120	54%	52%	47%	58%	54%	57	8	0	65	3.37	5.72				
Corson	32	94	30	100	93	6	8	15	79%	108	58%	58%	52%	65%	58%	53	9	0	62	2.28	5.12				
Custer/ Penn-Mid	32	126	37	150	135	13	12	27	79%	162	46%	52%	45%	58%	46%	73	1	0	74	2.15	5.64				
Davison/Hanson	32	147	100	160	157	0	0	1	74%	158	32%	32%	27%	37%	32%	49	1	0	50	2.78	5.52				
Day/Codington	32	80	103	80	80	0	0	0	83%	80	55%	55%	49%	60%	55%	36	6	1	44	3.08	5.45				
Deuel	32	90	140	90	90	0	0	0	81%	90	56%	56%	50%	61%	56%	36	14	0	50	3.33	5.53				
Dewey/Ziebach	32	126	39	150	130	16	12	30	83%	160	43%	48%	42%	53%	43%	60	8	0	68	1.77	5.59				
Fall River	35	146	45	150	119	18	12	43	84%	324	42%	48%	44%	53%	50%	126	11	1	138	2.68	5.52				
Grant	32	220	238	220	220	0	0	0	88%	220	50%	50%	46%	54%	50%	95	13	1	110	3.29	5.62				
Gregory	32	718	488	700	652	146	56	104	76%	756	44%	45%	40%	50%	44%	265	71	0	336	2.18	5.51				
Haakon	35	200	65	200	140	33	16	76	85%	432	39%	51%	46%	55%	49%	28%	137	29	0	167	2.27	5.53			
Hamlin	32	10	7	10	10	0	0	0	90%	10	56%	56%	50%	60%	56%	3	2	0	6	3.33	5.50				
Harding	32	91	54	100	90	17	8	18	79%	108	42%	44%	38%	51%	42%	39	6	0	46	2.71	5.60				
Hughes	32	30	27	30	30	0	0	0	87%	30	54%	54%	47%	60%	54%	15	1	0	16	2.27	5.90				
Hutchinson	32	60	79	60	60	0	0	0	85%	60	40%	40%	34%	46%	40%	22	2	0	24	1.92	6.08				
Jackson	32	130	39	150	73	40	12	89	85%	162	71%	70%	65%	75%	71%	101	13	0	114	2.41	5.95				
Jerauld	32	10	10	10	10	0	0	0	90%	10	22%	22%	20%	30%	22%	2	0	0	2	1.89	5.75				
Jones	32	60	14	75	47	6	6	30	73%	77	37%	43%	33%	53%	37%	22	7	0	29	1.61	5.83				
Lincoln	32	100	176	100	100	0	0	0	88%	100	27%	27%	24%	31%	27%	25	2	0	27	2.72	5.14				
Lyman	32	108	131	100	100	22	8	8	77%	108	36%	36%	31%	41%	36%	31	7	1	39	2.16	5.24				
Marshall/Roberts	32	400	384	400	400	0	0	0	80%	400	47%	47%	43%	52%	47%	154	34	0	189	3.29	5.19				
Meade/Penngtn	35	310	81	300	174	79	24	148	80%	644	44%	52%	47%	57%	51%	35%	264	17	0	281	2.44	5.62			
Mellette	32	304	86	350	233	40	28	143	73%	376	45%	46%	41%	52%	45%	141	28	0	169	1.98	5.59				
Minnehaha	32	80	95	80	80	0	0	0	70%	80	64%	64%	57%	71%	64%	50	1	0	51	3.46	5.51				
Moody	32	60	55	60	60	0	0	0	83%	60	44%	44%	38%	50%	44%	23	4	0	26	4.56	5.75				
Oahe Downstream	32	2	1	2	2	0	1	0	50%	2	100%	100%	100%	100%	100%	2	0	0	2	4.00	7.00				
Oglala Lakota	32	39	4	60	26	4	5	18	77%	44	65%	70%	60%	80%	65%	29	0	0	29	1.70	5.85				
Pennington-East	32	134	36	200	105	24	16	61	83%	166	48%	51%	46%	57%	48%	77	2	0	80	2.07	5.28				
Perkins	35	85	13	100	71	8	8	23	73%	188	30%	44%	37%	52%	40%	19%	53	3	0	56	2.64	5.56			
Sanborn	32	20	13	20	20	0	0	0	80%	20	50%	50%	40%	60%	50%	9	1	0	10	3.06	5.00				
Stanley	32	44	32	40	40	5	4	4	80%	44	34%	34%	27%	42%	34%	13	3	0	15	2.23	5.50				
Todd	32	66	11	75	34	10	6	44	82%	78	53%	49%	41%	57%	53%	26	15	0	41	1.77	5.80				
Tripp	32	353	188	400	317	61	32	115	84%	432	55%	57%	52%	62%	55%	201	36	0	237	2.05	5.50				
Turner	32	20	23	20	20	0	0	0	65%	20	62%	62%	45%	75%	62%	12	0	0	12	2.46	5.91				
Union	32	120	149	120	120	0	0	0	76%	120	37%	37%	32%	42%	37%	39	5	0	44	2.36	5.46				
Yankton	32	229	228	230	229	0	0	0	73%	229	47%	47%	42%	52%	47%	96	12	0	107	2.83	5.62				
Totals			6,001	4,003	6,372	5,364	660	305	1,213	79%	7,371	45.2%				2,888	435	5	3,328	2.50	5.55				
Response rate for all units combined was 79.4%																									
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.																									
* Number of 1st drawing applicants with that season as 1st choice.																									

Spring Firearm Prairie Turkey 1985-2017



SPRING BLACK HILLS TURKEY

An unlimited number of licenses were available and 4,401 licenses were issued for the 2017 Spring Black Hills Turkey season (2,939 residents, 1,462 nonresidents). All licenses consisted of single tags for male turkeys only.

The survey sample size was 799 (19% of hunters) and the response rate was 76%. Surveys were sent via email and regular mail. The reported success rate was 39% and the projected harvest was 1,701 male turkeys.

The season was open from April 8 through May 21 and hunters averaged 3.48 days of hunting for a projected total of 14,296 days of recreation.

Resident hunters purchased 379 licenses for the BH2 unit, where tags were only valid May 1-21. Of those, 86 did not have a unit BH1 license; therefore, only 293 hunters purchased two licenses for the season. Reported success for unit BH2 for those hunters who purchased two licenses was 30%.

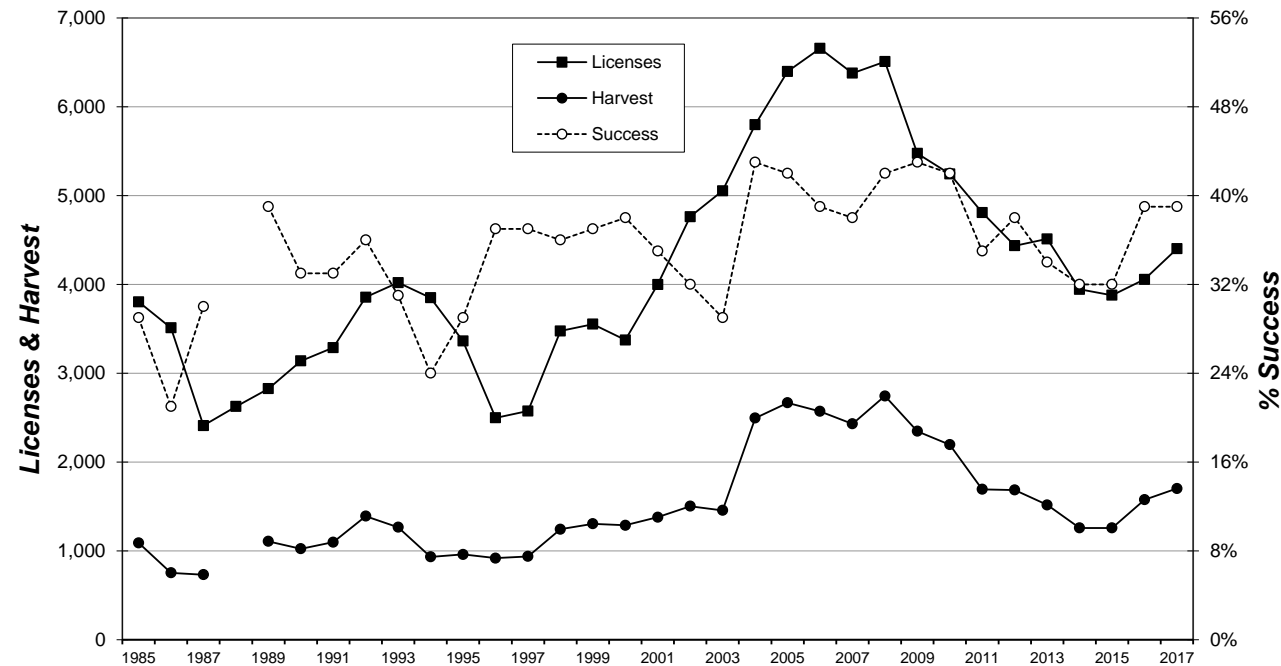
Comparison of the 2008-2017 Spring Black Hills Turkey Seasons

Year	Licenses Issued	Harvest	Avg Days Hunted	Success	Average Satisfaction
2008	6,508	2,743	3.39	42%	5.52
2009	5,474	2,346	3.46	43%	5.69
2010	5,244	2,195	3.97	42%	5.36
2011	4,808	1,693	3.53	35%	5.28
2012	4,435	1,685	3.63	38%	5.31
2013	4,512	1,517	3.18	34%	5.08
2014	3,944	1,258	3.19	32%	4.99
2015	3,877	1,258	3.44	32%	4.89
2016	4,056	1,575	3.38	39%	5.21
2017	4,401	1,701	3.48	39%	5.30

2017 Spring Black Hills Turkey Harvest Projections

Last Revised: 08/31/2017		Licenses														
		Resident		Nonresident		Response		Tag	Hunter			Harvest Estimate			Ave. Days	Avg
Unit/Type	Avail.	Sold	Avail.	Sold	Hunters	Rate	Success	Success	LCI	UCI	Toms	Jakes	Total	Hunted	Satsfctn	
BH1-32	Unlim	2,560	Unlim	1,462	4,108	76.47%	39%	39%	36%	43%	1,540	161	1,701	3.48	5.30	
BH2-32	Unlim	379	0	0												
		2,939		1,462												
Response rate for the season was		76.5%														
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.																
293 hunters had licenses for both BH1 and BH2 units																

Black Hills Spring Turkey 1985-2017



SPRING ARCHERY TURKEY

There were 2,925 resident and 373 nonresident licenses sold for a total of 3,298 licensed spring archery turkey hunters in 2017.

To obtain harvest estimates, 42% of the license holders were surveyed for a sample size of 1,389. The response rate was 72%. Surveys were sent via email and regular mail.

The projected harvest based on survey responses was 912 male turkeys, an increase of 3% from 2016. The harvest success rate was 28%. The season was open from April 1 through May 21 and the projected total number of days hunted was 12,763, an average of 3.87 days per hunter.

The five units with the highest reported harvest were Gregory, Black Hills, Marshall/Roberts, Yankton, and Grant.

Comparison of the 2008-2017 Spring Archery Turkey Seasons

Year	Licenses Sold		Male Harvest	Success	Avg Days Hunted	Satisfaction
	Resident	Nonresident				
2008	2,199	459	722	27%	4.34	5.45
2009	2,124	443	844	33%	4.42	5.51
2010	2,085	463	780	31%	4.28	5.41
2011	2,243	478	686	25%	3.91	5.37
2012	2,137	418	739	29%	3.57	5.48
2013	2,390	440	641	23%	3.42	5.12
2014	2,335	387	695	26%	3.41	5.17
2015	2,604	315	790	27%	3.59	5.36
2016	2,844	358	885	28%	3.90	5.39
2017	2,925	373	912	28%	3.87	5.47

2017 Spring Archery Turkey Harvest Projections

Last Revised:

08/31/2017

Last Revised:		Licenses												
08/31/2017		Resident		Nonresident		Response	Tag			Harvest Estimate			Ave. Days	Avg
Unit/Type	Avail.	Sold	Avail.	Sold	Rate	Success	LCI	UCI	Toms	Jakes	Total	Hunted	Satsfctn	
ST1-32	Unlim	2,925	Unlim	373	71.6%	28%	25%	30%	756	156	912	3.87	5.47	

Response rate for the season was **71.6%**

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

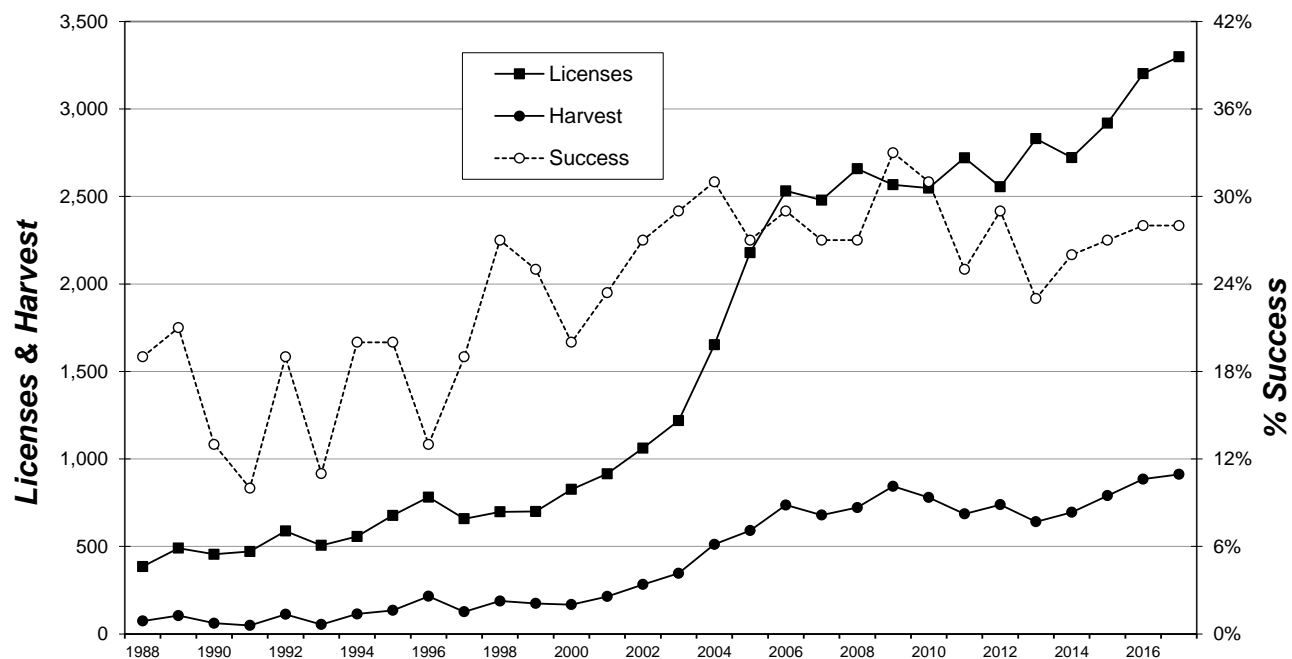
2017 Spring Archery Turkey Harvest Distribution

Last Revised:
31-Aug-16

County	Reported Harvest			Projected Harvest			
	Males			Males			
	Toms	Jakes	Total	Toms	Jakes	Total	%
01A (Minnehaha)	8	3	11	27	10	37	4.1%
02A (Pennington-East)	9	0	9	30	0	30	3.3%
06A (Brookings)	8	1	9	27	3	30	3.3%
07A (Yankton)	12	4	16	40	14	54	5.9%
08A (Davison/Hanson)	2	3	5	7	10	17	1.9%
11A (Bennett)	0	0	0	0	0	0	0.0%
12A (Bon Homme)	6	1	7	20	3	24	2.6%
13A (Brule)	2	1	3	7	3	10	1.1%
15A (Butte/Lawrence)	5	2	7	17	7	24	2.6%
17A (Charles Mix/Douglas)	11	3	14	37	10	47	5.2%
19A (Clay)	12	1	13	40	3	44	4.8%
20A (Corson)	0	0	0	0	0	0	0.0%
21A (Custer/Penn-Mid)	9	0	9	30	0	30	3.3%
22A (Day/Codington)	10	2	12	33	7	40	4.4%
23A (Deuel)	7	0	7	23	0	23	2.6%
24A (Dewey/Ziebach)	3	0	3	10	0	10	1.1%
27A (Fall River)	1	1	2	3	3	7	0.7%
29A (Grant)	12	5	17	40	17	57	6.3%
30A (Gregory)	17	3	20	57	10	67	7.4%
31A (Haakon)	2	0	2	7	0	7	0.7%
32A (Hamlin)	3	0	3	10	0	10	1.1%
35A (Harding)	0	0	0	0	0	0	0.0%
36A (Hughes)	0	0	0	0	0	0	0.0%
37A (Hutchinson)	4	0	4	13	0	13	1.5%
39A (Jackson)	1	0	1	3	0	3	0.4%
40A (Jerauld)	1	0	1	3	0	3	0.4%
41A (Jones)	0	0	0	0	0	0	0.0%
44A (Lincoln)	4	5	9	13	17	31	3.4%
45A (Lyman)	5	0	5	17	0	17	1.8%
48A (Marshall/Roberts)	13	3	16	44	10	54	5.9%
49A (Meade/Pennington)	12	0	12	40	0	40	4.4%
50A (Mellette)	1	0	1	3	0	3	0.4%
52A (Moody)	1	0	1	3	0	3	0.4%
53A (Perkins)	1	0	1	3	0	3	0.4%
56A (Sanborn)	0	0	0	0	0	0	0.0%
58A (Stanley)	4	0	4	13	0	13	1.5%
60A (Tripp)	4	3	7	13	10	24	2.6%
61A (Turner)	2	0	2	7	0	7	0.7%
62A (Union)	11	2	13	37	7	44	4.8%
65A (Oglala Lakota)	0	0	0	0	0	0	0.0%
67A (Todd)	1	0	1	3	0	3	0.4%
BH1 (Black Hills)	22	2	24	74	7	81	8.8%
Unknown	2	2	4				
TOTALS	228	47	275	756	156	912	

Any by unit projected harvest values will differ from by statewide projected harvest values due to incorrect sampling proportions within management units.
Use these figures for approximations only!

Spring Archery Turkey 1988-2017



MENTORED SPRING TURKEY

There were 799 Mentored Spring Turkey licenses sold in South Dakota for the 2017 season. All were single tag licenses valid for a male turkey. All mentors/hunters were surveyed and 441 responses (55%) were received. Surveys were only sent via email and no corrections were made for nonresponse bias.

The 2017 spring season ran from April 1 through May 21. Respondents reported hunting an average of 2.70 days, which projected to a total of 2,157 recreation days for the season.

An estimated 310 male turkeys were harvested, resulting in a success rate for this season of 39%. The mean satisfaction score reported by hunters/mentors was 5.85 (1 representing "very dissatisfied" and 7 representing "very satisfied").

The six units with the highest reported harvest were the Black Hills, Gregory, Grant, Butte/Lawrence, Charles Mix/Douglas, and Day/Codington.

Summary of the 2009-2017 Spring Mentored Youth Turkey Seasons

YEAR	Licenses	HARVEST				Avg Days	Average
	Sold	Males	Hens	Total	%Success	Hunted	Satisfaction
2009	422	171	0	171	41%	2.88	5.81
2010	535	228	0	228	43%	3.14	5.83
2011	601	210	0	210	35%	2.60	5.63
2012	559	205	0	205	37%	2.36	5.75
2013	642	190	2	192	30%	2.32	5.71
2014	679	211	0	211	31%	2.30	5.54
2015	654	205	0	205	31%	2.41	5.70
2016	734	277	0	277	38%	2.68	5.78
2017	799	310	0	310	39%	2.70	5.85

2017 Mentored Spring Turkey Harvest Projection

Last Revised:
05-Sep-17

05-Sep-17	Licenses		Response	Unit	Harvest Projections				Average Days Hunted	Mean Satisfctn Score	
	Resident				Total						
	Unit/Type	Avail.			Sold	Rate	Success	Toms			Jakes
	ST1-32	Unlim	799	55%	39%	226	83	0	310	2.70	5.85

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

2017 Spring Ment Youth Turkey Harvest Distribution

Last Revised:
05-Sep-17

County	Reported Harvest				Projected Harvest				
	Toms	Jakes	Hens	Total	Toms	Jakes	Hens	Total	%
01A (Minnehaha)	0	2	0	2	0	4	0	4	1.2%
02A (Pennington-East)	1	0	0	1	2	0	0	2	0.6%
06A (Brookings)	0	2	0	2	0	4	0	4	1.2%
07A (Yankton)	4	3	0	7	7	5	0	13	4.1%
08A (Davison/Hanson)	3	1	0	4	5	2	0	7	2.4%
11A (Bennett)	1	0	0	1	2	0	0	2	0.6%
12A (Bon Homme)	1	2	0	3	2	4	0	5	1.8%
13A (Brule)	3	0	0	3	5	0	0	5	1.8%
15A (Butte/Lawrence)	8	1	0	9	15	2	0	16	5.3%
16A (Campbell/Walworth)	0	0	0	0	0	0	0	0	0.0%
17A (Charles Mix/Douglas)	8	6	0	14	15	11	0	25	8.2%
19A (Clay)	2	0	0	2	4	0	0	4	1.2%
20A (Corson)	1	0	0	1	2	0	0	2	0.6%
21A (Custer/Penn-Mid)	4	1	0	5	7	2	0	9	2.9%
22A (Day/Codington)	9	1	0	10	16	2	0	18	5.9%
23A (Deuel)	2	1	0	3	4	2	0	5	1.8%
24A (Dewey/Ziebach)	3	0	0	3	5	0	0	5	1.8%
27A (Fall River)	3	0	0	3	5	0	0	5	1.8%
29A (Grant)	3	6	0	9	5	11	0	16	5.3%
30A (Gregory)	6	3	0	9	11	5	0	16	5.3%
31A (Haakon)	3	0	0	3	5	0	0	5	1.8%
32A (Hamlin)	2	0	0	2	4	0	0	4	1.2%
35A (Harding)	2	1	0	3	4	2	0	5	1.8%
36A (Hughes)	1	0	0	1	2	0	0	2	0.6%
37A (Hutchinson)	2	0	0	2	4	0	0	4	1.2%
39A (Jackson)	3	1	0	4	5	2	0	7	2.4%
40A (Jerauld)	0	1	0	1	0	2	0	2	0.6%
41A (Jones)	1	1	0	2	2	2	0	4	1.2%
44A (Lincoln)	3	0	0	3	5	0	0	5	1.8%
45A (Lyman)	4	1	0	5	7	2	0	9	2.9%
48A (Marshall/Roberts)	5	1	0	6	9	2	0	11	3.5%
49A (Meade/Pennington)	5	1	0	6	9	2	0	11	3.5%
50A (Mellette)	1	2	0	3	2	4	0	5	1.8%
52A (Moody)	2	0	0	2	4	0	0	4	1.2%
53A (Perkins)	1	0	0	1	2	0	0	2	0.6%
56A (Sanborn)	0	0	0	0	0	0	0	0	0.0%
58A (Stanley)	0	2	0	2	0	4	0	4	1.2%
60A (Tripp)	4	4	0	8	7	7	0	15	4.7%
61A (Turner)	3	0	0	3	5	0	0	5	1.8%
62A (Union)	6	1	0	7	11	2	0	13	4.1%
65A (Oglala Lakota)	0	0	0	0	0	0	0	0	0.0%
67A (Todd)	0	0	0	0	0	0	0	0	0.0%
BH1 (Black Hills)	14	1	0	15	26	2	0	27	8.8%
Unknown	1	0	0	1					
TOTALS	125	46	0	171	226	83	0	310	

Any by unit projected values will differ from by statewide projected values due to incorrect sampling proportions within management units.
Use these figures for approximations only!

SPRING CUSTER STATE PARK TURKEY

In 2017, 563 hunters applied for the 100 resident licenses available for the Spring Custer State Park Turkey season, which was open from April 8 through May 21. All licenses consisted of single tags for male turkeys only.

All hunters were surveyed and 92 responded for a response rate of 92%. Surveys were sent via email and regular mail. The reported success rate was 58% and the projected harvest was 58 male turkeys. Hunters averaged 1.88 days of hunting for a projected total of 188 days of recreation for the season.

Summary comparison of the 2008-2017 Custer State Park Spring Turkey seasons

Year	Licenses Sold	Harvest	Success	Avg. Days Hunted	Average Satisfaction
2008	135	75	56%	1.80	NA
2009	135	80	59%	2.20	NA
2010	135	78	58%	2.10	NA
2011	135	59	44%	3.00	NA
2012	135	64	47%	2.24	5.57
2013	135	57	43%	2.18	5.77
2014	135	78	58%	2.71	5.56
2015	135	50	37%	2.56	4.83
2016	100	49	49%	2.08	6.05
2017	100	58	58%	1.88	6.29

2017 Custer State Park Spring Turkey Harvest

Last Revised:

31-Aug-17

Unit/Type	Appl. 1st Choice *	Licenses Resident		Response Rate	Unit Success	LCI	UCI	Harvest Projections			Average Days Hunted	Mean Satisfctn Score
		Avail.	Sold					Toms	Jakes	Total Harvest		
CU1-32	563	100	100	92%	58%	55%	61%	57	1	58	1.88	6.29

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

FALL PRAIRIE TURKEY

There were 898 licenses (870 resident, 28 nonresident) sold for the 2017 South Dakota Fall Prairie Turkey season for a total of 948 tags. All tags were valid for either a tom or a hen. The fall season ran from November 1 through January 31.

All hunters were surveyed and 674 responded for a 77% response rate. Approximately 66% of responding hunters used the Internet to respond. Respondents reported hunting an average of 2.46 days, which projected to a total of 2,167 recreation days for the season.

Harvest projections indicated 194 males were taken along with 56 hens for a total of 250 turkeys. The estimated success rate for the season was 26%.

The mean satisfaction score reported by hunters was 4.86 (1 representing "very dissatisfied" and 7 representing "very satisfied").

Summary comparison of the 2008-2017 Fall Prairie Turkey seasons

Year	Licenses	Tags	HARVEST				Avg Days	Average
	Sold	Sold	Males	Hens	Total	% Success	Hunted	Satisfactn
2008	5,996	9,593	2,606	1,949	4,556	47%	2.86	5.43
2009	5,876	10,191	2,335	2,002	4,337	43%	2.92	5.22
2010	5,995	11,276	3,019	2,419	5,438	48%	2.87	5.36
2011	5,649	10,662	2,497	1,838	4,335	41%	3.15	5.13
2012	5,527	9,510	2,001	1,335	3,337	35%	2.91	5.12
2013	5,066	8,638	1,180	721	1,901	22%	2.68	4.76
2014	1,910	1,960	422	224	645	33%	2.26	4.91
2015	1,936	1,986	422	227	649	33%	2.56	4.80
2016	908	958	173	72	246	26%	2.19	4.87
2017	898	948	194	56	250	26%	2.46	4.86

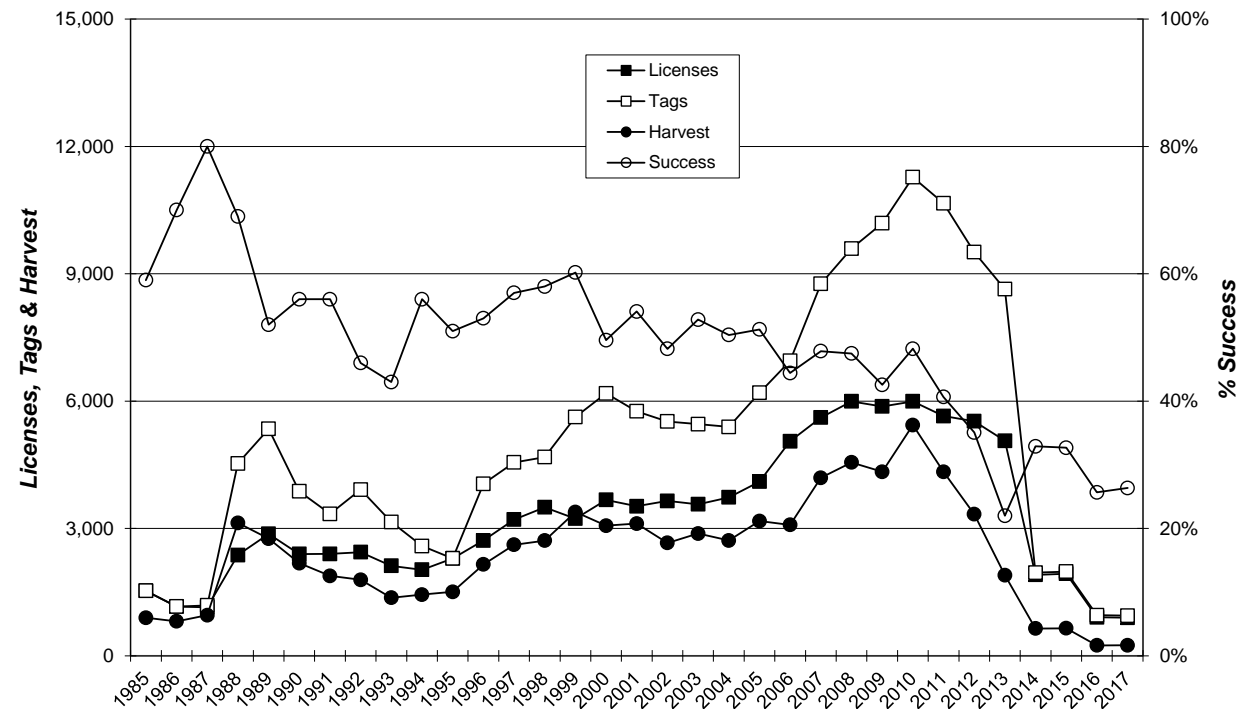
2017 Fall Prairie Turkey Harvest Projections

Last Revised: 09-May-18		Licenses																	Avg Days	Mean Satisfctn	
		Resident				Nonresident				Harvest Projections											
		Appl. 1st				Appl. 1st				Tags	Response	Tag	Males			Hens					Total
		Choice *	Avail.	Sold	Choice *	Avail.	Sold	Sold	Adults				Jakes	Adults	Jennies	Unk					
Unit	Hunters	Choice *	Avail.	Sold	Choice *	Avail.	Sold	Sold	Rate	Success	Adults	Jakes	Adults	Jennies	Unk	Harvest	Hunted	Score			
Bon Homme	149	117	150	149	N/A	0	1	150	82%	34%	32	10	5	2	1	50	2.7	5.1			
Brule	50	32	50	50	N/A	0	0	50	80%	18%	5	0	1	0	3	9	1.6	4.2			
Davison/Hanson	49	28	50	50	N/A	0	0	100	59%	15%	14	2	0	0	0	15	3.7	5.4			
Gregory	158	110	150	147	9	12	15	162	80%	33%	25	10	11	4	3	53	1.9	5.0			
Hutchinson	30	52	30	30	N/A	0	0	30	77%	13%	1	1	1	0	0	4	2.8	4.4			
Marshall/Roberts	100	106	100	100	N/A	0	0	100	83%	23%	8	6	5	1	2	23	1.7	4.7			
Mellette	50	26	50	49	3	4	5	54	72%	31%	11	6	0	0	0	17	1.3	4.9			
Perkins	91	37	100	92	2	8	5	97	74%	15%	11	0	3	1	0	15	1.6	4.0			
Tripp	53	51	50	52	18	4	2	54	73%	39%	15	3	3	0	0	21	2.1	4.6			
Union	50	79	50	50	N/A	0	0	50	76%	26%	5	3	5	0	0	13	4.1	5.3			
Yankton	101	116	100	101	N/A	0	0	101	72%	30%	21	6	3	0	1	30	4.4	5.3			
Totals	881	417	880	870	32	28	28	948	76.9%	26.4%	149	45	37	9	10	250	2.46	4.86			

The response rate for all units combined was: 77%

* Number of 1st drawing applicants with that season as 1st choice.

Fall Prairie Turkey 1985-2017



FALL BLACK HILLS TURKEY

There were 433 Fall Black Hills Turkey licenses (415 resident, 18 nonresident) sold in South Dakota for the 2017 season. All were single tag licenses valid for either a tom or a hen. The fall season ran from November 1 through January 31.

Of the 428 license-holders that were surveyed, 348 responded for an 81% response rate. Approximately 66% of responding hunters used the Internet to respond. Respondents reported hunting an average of 3.82 days, which projected to a total of 1,635 recreation days for the season.

An estimated 87 males were harvested along with 52 hens, a total of 139 turkeys. The overall estimated success rate for the season was 32%.

The mean satisfaction score reported by hunters was 4.88 (1 representing "very dissatisfied" and 7 representing "very satisfied").

Summary comparison of the 2008-2017 Fall Black Hills Turkey seasons

YEAR	LICENSES SOLD		HARVEST				Avg Days	Average
	Resident	Nonresid	Males	Hens	Total	%Success	Hunted	Satisfaction
2008	4,155	164	806	1,179	1,986	46%	3.39	5.40
2009	3,506	140	658	711	1,369	38%	3.77	4.78
2010	3,198	114	907	646	1,553	47%	3.05	5.22
2011	2,977	121	537	513	1,050	34%	3.89	4.85
2012	2,075	90	457	470	927	43%	3.39	4.95
2013	1,546	81	185	188	373	23%	2.81	4.57
2014	764	46	100	114	215	27%	3.24	4.54
2015	406	27	66	62	127	29%	3.44	4.58
2016	408	26	91	55	147	34%	2.79	4.85
2017	415	18	87	52	139	32%	3.82	4.88

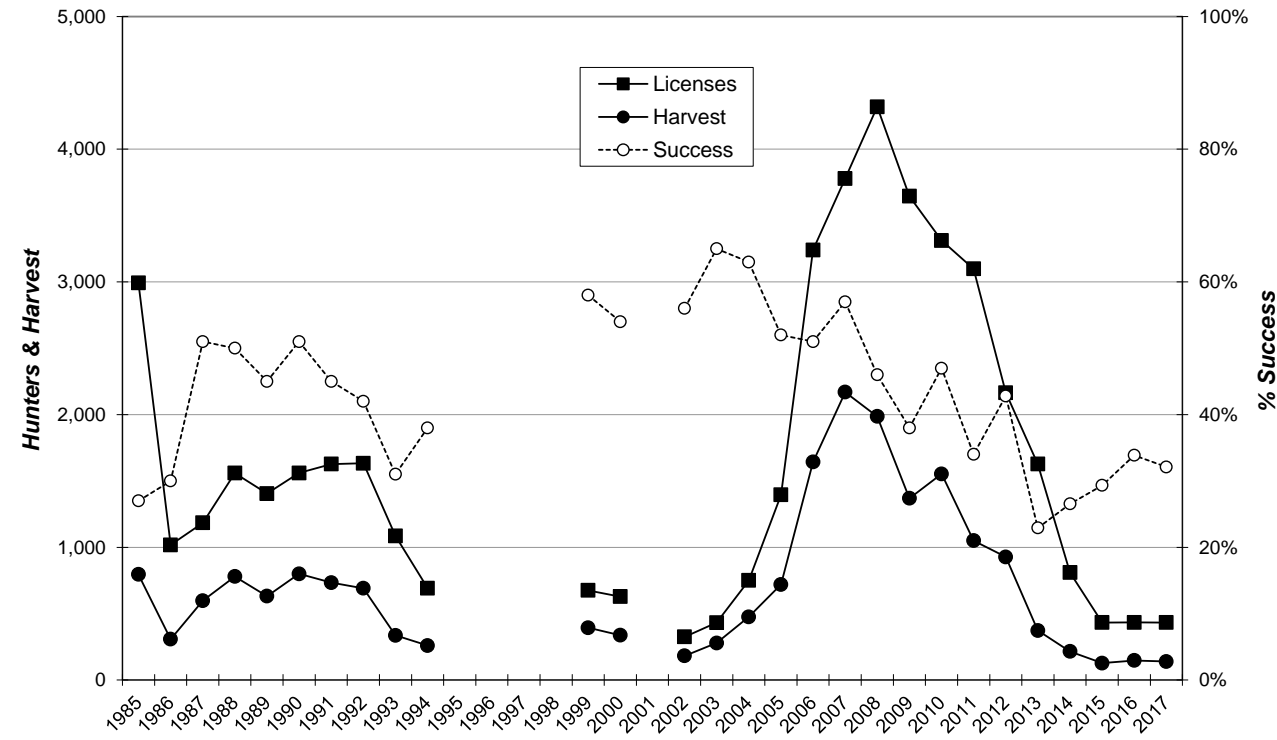
2017 Fall Black Hills Turkey Harvest Projections

Last Revised:		Licenses																	
09-May-18		Resident				Nonresident						Harvest Projections					Average		Mean
Unit/Type	Hunters	Appl. 1st			Appl. 1st			Response	Tag	Males			Hens		Total	Days	Satisfc	Score	
		Choice *	Avail.	Sold	Choice *	Avail.	Sold			Adults	Jakes	Adults	Jennies	Unk					Hunted
BH1-31	429	417	400	415	18	32	18	81%	32%	69	18	42	6	4	139	3.82	4.88		

* Number of 1st drawing applicants with that season as 1st choice.

* Number of 1st drawing applicants with that season as 1st choice.

Black Hills Fall Turkey 1985-2017



FALL MENTORED YOUTH TURKEY

There were 453 Fall Mentored Youth Turkey licenses sold in South Dakota for the 2017 season. All were single tag licenses valid for either a tom or a hen. All 453 mentors/hunters were surveyed and 321 responses (71%) were received. Approximately 62% of responding mentors/hunters used the Internet to respond.

The fall season ran from November 1 through January 31. Respondents reported hunting an average of 1.87 days, which projected to a total of 473 recreation days for the season.

An estimated 60 males were harvested along with 22 hens, a total of 83 turkeys (difference due to rounding error). The reported success rate for this season was 18%. The mean satisfaction score reported by hunters/mentors was 5.34 (1 representing "very dissatisfied" and 7 representing "very satisfied").

The five management units with the highest reported harvest were the Black Hills, Tripp, Butte/Lawrence, Gregory, and Marshall/Roberts. Thirteen surveys were received indicating turkeys harvested in units that were closed to fall hunting.

Summary comparison of the 2008-2017 Fall Mentored Youth Turkey seasons

YEAR	Licenses	HARVEST				Avg Days	Average Satisfaction
	Sold	Males	Hens	Total	%Success	Hunted	
2008	236	59	43	101	43%	2.75	5.91
2009	353	65	45	110	31%	2.63	5.55
2010	423	88	68	156	37%	1.91	5.59
2011	442	65	51	116	26%	2.24	5.34
2012	529	89	61	149	28%	2.33	5.56
2013	520	57	35	92	18%	2.02	5.41
2014	390	46	29	75	19%	1.72	5.19
2015	370	58	39	98	21%	1.87	5.17
2016	429	62	21	84	20%	1.55	5.48
2017	453	60	22	83	18%	1.87	5.34

2017 Fall Mentored Youth Turkey Harvest Projections

Last Revised:
09-May-18

Last Revised: 09-May-18

Unit/Type	Hunters	Licenses		Response Rate	Tag Success	Harvest Projections					Total Harvest	Average Days Hunted	Mean Satisfaction Score
		Avail.	Sold			Males		Hens					
						Adults	Jakes	Adults	Jennies	Unk			
ST1-31	453	Unlim	453	71%	18%	42	18	8	13	1	83	1.87	5.34

2017 Fall Mentored Youth Turkey Harvest Distribution

Last Revised:
09-May-18

09-May-18	Reported Harvest						Projected Harvest								
	Males			Females				Males			Females				
County	Toms	Jakes	Hens	Jennies	Unk	Hens	Total	Toms	Jakes	Hens	Jennies	Unk	Hens	Total	%
01A (Minnehaha)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
02A (Pennington-East)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
06A (Brookings)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
07A (Yankton)	0	0	0	2	0	0	2	0	0	0	3	0	0	3	3.4%
08AB (Davison/Hanson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
11A (Bennett)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
12A (Bon Homme)	0	1	0	1	0	0	2	0	2	0	1	0	0	3	3.5%
13A (Brule)	1	0	0	0	0	0	1	1	0	0	0	0	0	1	1.7%
15A (Butte/Lawrence)	3	0	0	0	0	0	3	4	0	0	0	0	0	4	5.1%
17A (Charles Mix/Douglas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
19AB (Clay)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
20A (Corson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
21A (Custer/Penn-Mid)	1	1	0	0	0	0	2	1	2	0	0	0	0	3	3.5%
22A (Day/Codington)	1	0	0	0	0	0	1	1	0	0	0	0	0	1	1.7%
23A (Deuel)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
24A (Dewey)	1	0	1	0	0	0	2	1	0	1	0	0	0	3	3.4%
27A (Fall River)	0	0	1	0	0	0	1	0	0	1	0	0	0	1	1.7%
29A (Grant)	0	0	0	1	0	0	1	0	0	0	1	0	0	1	1.7%
30A (Gregory)	0	2	0	0	0	0	2	0	3	0	0	0	0	3	3.7%
31A (Haakon)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
32A (Hamlin)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
35A (Harding)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
36A (Hughes)	0	0	1	0	0	0	1	0	0	1	0	0	0	1	1.7%
37A (Hutchinson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
39A (Jackson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
40A (Jerauld)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
41A (Jones)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
44AB (Lincoln)	1	0	0	0	0	0	1	1	0	0	0	0	0	1	1.7%
45A (Lyman)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
48A (Marshall/Roberts)	3	0	0	1	0	0	4	4	0	0	1	0	0	6	6.8%
49A (Meade/Pennington)	1	0	0	0	0	0	1	1	0	0	0	0	0	1	1.7%
50A (Mellette)	1	0	0	0	0	0	1	1	0	0	0	0	0	1	1.7%
52A (Moody)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
53A (Perkins)	0	0	0	0	1	0	1	0	0	0	0	1	0	1	1.7%
56A (Sanborn)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
58A (Stanley)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
60A (Tripp)	2	1	0	0	0	0	3	3	2	0	0	0	0	4	5.2%
61A (Turner)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
62AB (Union)	1	0	0	0	0	0	1	1	0	0	0	0	0	1	1.7%
65A (Shannon)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
67A (Todd)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
BH1 (Black Hills)	14	7	3	4	0	0	28	20	11	4	6	0	0	40	48.4%
Unknown	0	1	0	0	0	0	1								
TOTALS	30	13	6	9	1	0	59	42	18	8	13	1	0	83	

Any by unit projected harvest values will differ from by statewide projected harvest values due to incorrect sampling proportions within management units.
Use these figures for approximations only!

ARCHERY ANTELOPE

There were 2,090 single-tag archery antelope licenses issued in 2017 (1,569 resident and 521 nonresident). The archery season ran from August 19 through October 31, except when and where a state firearm antelope season was open. All license holders were surveyed and the response rate was 73%, with 71% of those responding through the Internet.

The overall success rate for the archery season was estimated to be 28%, with 508 bucks, 46 does, 21 buck-kids, and 6 doe-kids harvested. Of the 24 management units where antelope were reported harvested, the Harding and Butte County units accounted for over 60% of all harvest.

Average hunter satisfaction was 5.44 and was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied), 4 being neutral.

2017 Archery Antelope Harvest Projections

Last Revised: 2/5/2018

Unit/Type	Resident		Nonres		Tags sold	Response Rate	Unit Success	Harvest Projections					Avg Satisfactn Rating	Avg Days Hunted
	Avail.	Sold	Avail.	Sold				Buck Bucks	Doe Does	Total Kids	Kids Harvest	Harvest		
ST1-41	Unlmt	1,569	Unlmt	521	2,090	73%	28%	508	46	21	6	580	5.44	4.00

Satisfaction is based on a scale of 1-7, where "1" is very dissatisfied, "4" is neutral and "7" is very satisfied.

Harvest summaries for the 2008-2017 Archery Antelope seasons

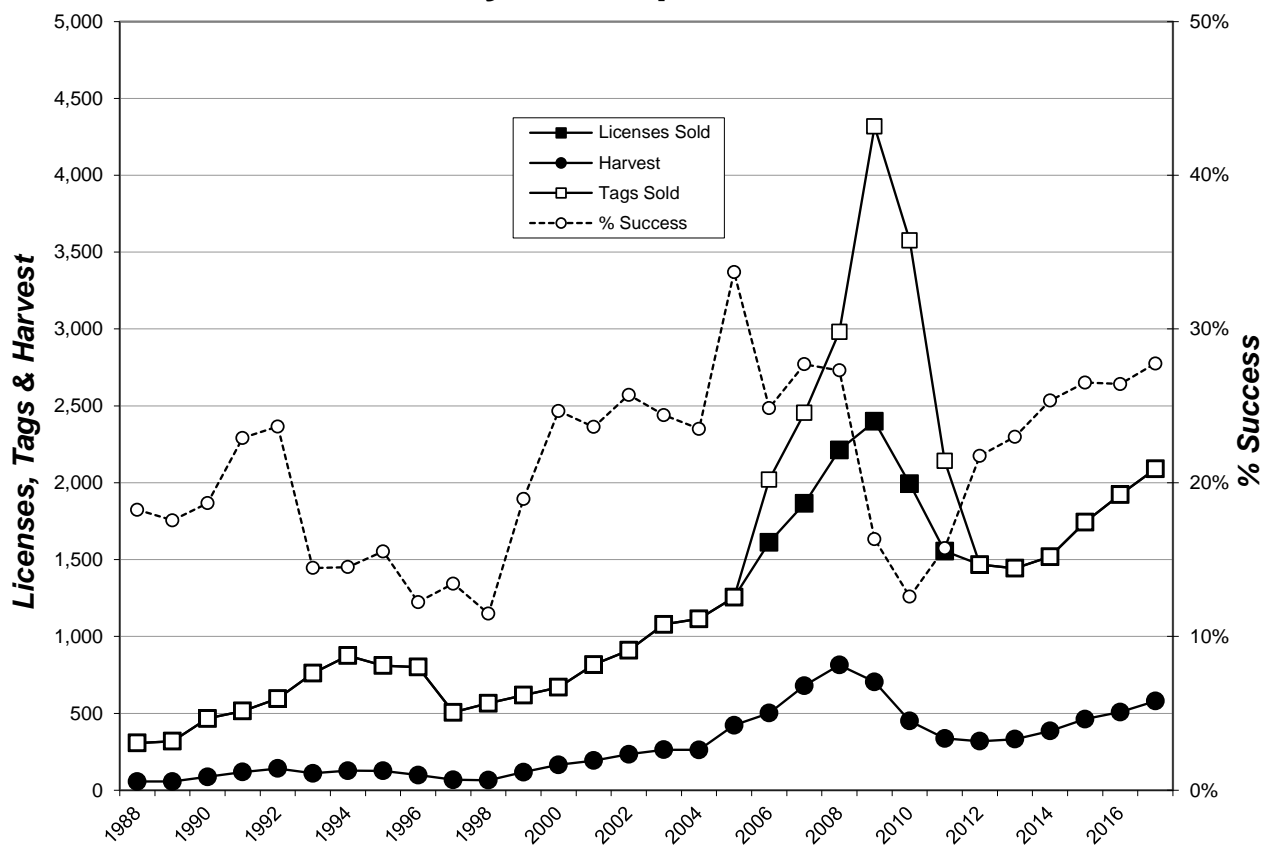
YEAR	Licenses Sold		Harvest		Success	Avg. Days Hunted	Average Satisfaction
	Resident	Nonresident	Bucks	Does			
2008	1,599	614	657	157	27%	4.42	5.48
2009	1,713	686	516	189	16%	4.47	4.75
2010	1,490	503	363	87	13%	4.13	4.63
2011	1,246	309	281	56	16%	4.18	4.48
2012	1,212	255	297	22	22%	3.80	4.74
2013	1,164	280	292	38	23%	3.77	4.97
2014	1,165	354	356	28	25%	3.94	5.19
2015	1,372	372	411	52	27%	4.07	5.26
2016	1,523	400	466	42	26%	3.80	5.33
2017	1,569	521	529	52	28%	4.00	5.44

2017 Archery Antelope Harvest by Management Unit

Unit/County	Reported Harvest					Projected Harvest					
	Adults		Fawns		Total	Adults		Fawns		Total	
	Buck	Doe	Buck	Doe		Buck	Doe	Buck	Doe	Projected	%
02A (Pennington E)	6	0	0	0	6	9	0	0	0	9	1.5%
11A (Bennett/Oglala Lakota)	1	0	0	0	1	1	0	0	0	1	0.2%
13 (Brule)	0	0	0	0	0	0	0	0	0	0	0.0%
14 (Buffalo)	13	0	0	0	13	18	0	0	0	18	3.2%
15A (Butte NW)	32	2	0	0	34	46	3	0	0	48	8.3%
15B (Butte/Lawrence)	46	3	4	1	54	65	4	6	1	77	13.2%
16 (Campbell)	0	0	0	0	0	0	0	0	0	0	0.0%
20A (Corson)	5	0	0	0	5	7	0	0	0	7	1.2%
21A (Custer E /Penn C)	4	0	1	0	5	6	0	1	0	7	1.2%
24A (Dewey)	1	0	0	0	1	1	0	0	0	1	0.2%
27A (F River/Custer SW)	17	6	1	0	24	24	9	1	0	34	5.9%
31A (Haakon)	2	1	0	0	3	3	1	0	0	4	0.7%
33 (Hand)	2	0	0	0	2	3	0	0	0	3	0.5%
35A (Harding W)	114	8	2	1	125	162	11	3	1	178	30.7%
35B (Harding E)	29	3	2	1	35	41	4	3	1	50	8.6%
36A (Hughes/Hyde)	2	0	1	0	3	3	0	1	0	4	0.7%
39A (Jackson)	4	1	1	0	6	6	1	1	0	8	1.5%
41A (Jones)	3	0	0	0	3	4	0	0	0	4	0.7%
45A (Lyman)	0	0	0	0	0	0	0	0	0	0	0.0%
45B (Ft Pr Nat Grslnd)	0	0	0	0	0	0	0	0	0	0	0.0%
49A (Meade N)	25	2	1	0	28	36	3	1	0	40	6.9%
49B (Meade S)	7	1	0	0	8	10	1	0	0	11	2.0%
50A (Mellette)	0	0	0	0	0	0	0	0	0	0	0.0%
53A (Perkins N)	10	1	1	0	12	14	1	1	0	17	2.9%
53B (Perkins S)	17	3	1	1	22	24	4	1	1	31	5.4%
58A (Stanley)	0	0	0	0	0	0	0	0	0	0	0.0%
59A (Sully)	11	1	0	0	12	16	1	0	0	17	2.9%
60A (Tripp)	0	0	0	0	0	0	0	0	0	0	0.0%
63A (Walworth/Potter)	2	0	0	0	2	3	0	0	0	3	0.5%
64A (Ziebach)	4	0	0	0	4	6	0	0	0	6	1.0%
BH (Black Hills Pennington/Custer)	0	0	0	0	0	0	0	0	0	0	0.0%
Unknown	10	1	0	0	11						
TOTALS	367	33	15	4	419	508	46	21	6	580	

Use these figures for approximations only!

Archery Antelope 1988-2017



FIREARM ANTELOPE

A total of 5,083 licenses (4,965 resident; 118 nonresident) were available for the 2017 Firearm Antelope hunting season. Including Landowner Own Land licenses, a total of 5,432 licenses were sold representing 5,933 total tags. The 2017 season was open from September 30 - October 15.

A random sample of 3,655 hunters was taken from total license sales and 2,879 surveys were returned for a 79% response rate. Approximately 69% of responses were received through the Internet.

Respondents reported hunting an average of 2.22 days each, which projected to 11,742 total recreation days for the season.

The harvest projections for the season included 2,531 adult bucks, 963 adult does, 161 buck-kids, and 130 doe-kids for a total of 3,784 antelope. The estimated overall success for the season was 64%.

Harvest summaries for the 2010-2017 Firearm Antelope seasons

YEAR	Licenses Sold		Harvest			Success	Avg. Days Hunted	Average Satisfaction
	Resident	Nonres	Bucks	Does	Total			
2010	8,806	969	3,932	5,017	8,949	49%	2.49	4.69
2011	5,752	457	2,523	1,971	4,493	50%	2.18	4.54
2012	3,965	0	1,695	942	2,637	53%	2.05	4.79
2013	3,467	0	1,454	480	1,935	48%	1.76	4.72
2014	2,991	61	1,770	314	2,083	66%	1.99	5.12
2015	3,260	62	1,910	314	2,224	64%	2.08	5.23
2016	3,266	62	2,112	350	2,461	70%	2.04	5.42
2017	5,286	146	2,692	1,093	3,784	64%	2.22	5.26

2017 Firearm Antelope Harvest Projections

Last Revised: 5-Feb-2018								Harvest Projections							Avg Satisf	Avg Days
Unit	Hunters	Residents		Nonresidents		Tags	Response	Tag	Hunter	Adults		Kids		Total	Score	Hunted
		Available	Sold	Available	Sold	Sold	Rate	Success	Success	Bucks	Does	Bucks	Does	Harvest		
Bennett/Oglala Lakota	51	50	50	1	1	51	71%	72%	72%	31	6	0	0	37	5.29	2.31
Butte NW	315	300	303	12	12	630	76%	50%	71%	146	116	32	23	317	5.23	2.47
Butte/Lawrence	612	600	600	12	12	612	77%	67%	67%	219	156	15	20	411	5.54	2.17
Corson	51	50	50	1	1	51	90%	59%	59%	26	4	0	0	30	4.69	2.85
Custer E /Penn C	128	125	125	3	3	128	80%	57%	57%	61	11	1	0	73	4.66	3.26
Dewey	41	40	40	1	1	41	88%	56%	56%	19	2	1	0	23	4.68	1.83
Fall River /Custer SW	559	550	548	11	11	559	80%	69%	69%	304	62	14	7	386	5.31	2.12
Haakon	102	100	100	2	2	102	75%	49%	49%	40	11	0	0	50	4.76	2.26
Harding E	306	300	300	6	6	306	81%	74%	74%	198	17	8	3	226	5.52	1.89
Harding W	306	300	300	6	6	306	87%	81%	81%	233	9	3	2	247	5.50	1.83
Hughes/Hyde	51	50	50	1	1	51	80%	63%	63%	30	2	0	0	32	5.66	2.49
Jackson	51	50	50	1	1	51	76%	72%	72%	29	5	3	0	37	5.57	2.05
Jones	31	30	30	1	1	31	90%	71%	71%	20	1	1	0	22	4.65	2.64
Meade N	773	800	799	16	16	815	79%	63%	63%	304	153	38	17	512	5.05	2.04
Meade S	472	500	486	20	34	520	78%	66%	68%	215	97	11	19	341	5.38	2.46
Mellette	31	30	30	1	1	31	87%	54%	54%	17	0	0	0	17	4.96	2.62
Pennington E	152	150	149	3	3	152	77%	60%	60%	72	17	3	0	92	4.80	2.97
Perkins N	154	150	151	3	3	154	78%	72%	72%	94	13	3	1	110	4.91	2.35
Perkins S	507	550	535	11	25	560	82%	77%	78%	192	192	21	25	431	5.66	1.95
Stanley	41	40	40	1	1	41	85%	69%	69%	19	8	1	0	28	5.15	2.77
Sully	31	30	30	1	1	31	84%	62%	62%	14	2	0	2	19	5.75	2.50
Walworth/Potter	21	20	20	1	1	21	81%	53%	53%	11	0	0	0	11	4.56	2.53
Ziebach	153	150	150	3	3	153	85%	60%	60%	80	9	2	0	92	5.15	2.14
Landowner Own Land	350	Unltd	350	0	0	536	67%	45%	55%	158	68	5	9	240	4.91	2.35
Totals	5,289	4,965	5,286	118	146	5,933	78.8%	64%	67%	2,531	963	161	130	3,784	5.26	2.22

The response rate for all units combined is: **78.8%**

Satisfaction is based on a scale of 1-7, where "1" is very dissatisfied, "4" is neutral and "7" is very satisfied.

South Dakota Game Report No 2018-05 - 2017 Big Game Harvest Projections
Corey Huxoll

2017 Firearm Antelope Harvest Projections

Last Revised: 5-Feb-2018																	
		Residents				Nonresidents			Unit/Subunit		Success		Harvest Projections				
		Appl. 1st		Appl. 1st		Adults		Kids					Total				
Unit Description	Unit	Type	Choice *	Available	Sold	Choice *	Available	Sold	Success	1st tag	2nd tag	Bucks	Does	Bucks	Does	Harvest	CI (95%)
Pennington E	02A	41	247	150	149	11	3	3	60%	60%		72	17	3	0	92	+/-6
Bennett/Oglala Lakota	11A	41	95	50	50	4	1	1	72%	72%		31	6	0	0	37	+/-4
Butte NW	15A	48	646	300	303	67	12	12	50%	55%	46%	146	116	32	23	317	+/-30
Butte/Lawrence	15B	41	802	300	301	57	6	6	77%	77%		219	15	0	0	236	+/-18
	15B	43	28	300	299	4	6	6	57%	57%		0	141	15	20	175	+/-21
Corson	20A	41	132	50	50	3	1	1	59%	59%		26	4	0	0	30	+/-2
Custer E /Penn C	21A	41	260	125	125	12	3	3	57%	57%		61	11	1	0	73	+/-5
Dewey	24A	41	69	40	40	3	1	1	56%	56%		19	2	1	0	23	+/-2
F River/Custer SW	27A	41	1,558	550	548	92	11	11	69%	69%		304	62	14	7	386	+/-24
Haakon	31A	41	199	100	100	4	2	2	49%	49%		40	11	0	0	50	+/-5
Harding W	35A	41	873	300	300	111	6	6	81%	81%		233	9	3	2	247	+/-10
Harding E	35B	41	616	300	300	60	6	6	74%	74%		198	17	8	3	226	+/-12
Hughes/Hyde	36A	41	107	50	50	2	1	1	63%	63%		30	2	0	0	32	+/-3
Jackson	39A	41	160	50	50	6	1	1	72%	72%		29	5	3	0	37	+/-3
Jones	41A	41	94	30	30	7	1	1	71%	71%		20	1	1	0	22	+/-1
Meade N	49A	41	880	500	499	68	10	10	70%	70%		300	37	12	5	356	+/-29
	49A	43	16	300	300	9	6	6	51%	51%		4	116	26	13	156	+/-29
Meade S	49B	41	375	300	301	22	12	11	74%	74%		215	17	4	4	231	+/-17
	49B	43	3	200	185	2	8	23	53%	53%		0	80	7	15	110	+/-22
Mellette	50A	41	40	30	30	3	1	1	54%	54%		17	0	0	0	17	+/-2
Perkins N	53A	41	271	150	151	50	3	3	72%	72%		94	13	3	1	110	+/-6
Perkins S	53B	41	492	250	251	40	5	5	85%	85%		192	13	3	0	218	+/-14
	53B	43	10	300	284	6	6	20	70%	70%		0	180	19	25	213	+/-21
Stanley	58A	41	81	40	40	0	1	1	69%	69%		19	8	1	0	28	+/-2
Sully	59A	41	100	30	30	4	1	1	62%	62%		14	2	0	2	19	+/-2
Walworth/Potter	63A	41	73	20	20	1	1	1	53%	53%		11	0	0	0	11	+/-2
Ziebach	64A	41	197	150	150	9	3	3	60%	60%		80	9	2	0	92	+/-5
Landowner Own Land	ST1	41	NA	Unltd	164	NA	0	0	46%	46%		71	4	1	0	75	+/-8
	ST1	48	NA	Unltd	186	NA	0	0	44%	51%	39%	87	64	3	9	164	+/-21
Totals			8,424	4,965	5,286	657	118	146	64%			2,531	963	161	130	3,784	+/-326
* Number of 1st drawing applicants with that Unit/Type as 1st choice.																	

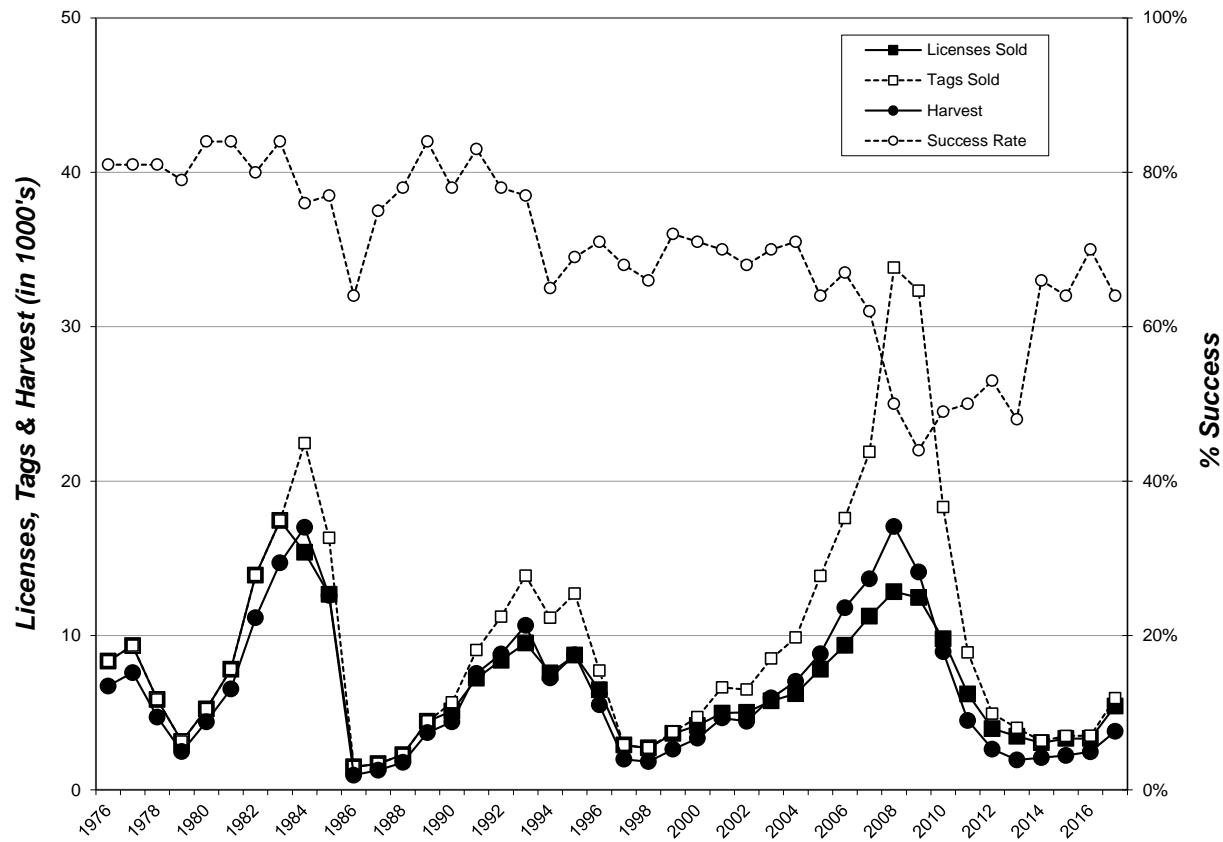
* Number of 1st drawing applicants with that Unit/Type as 1st choice.

2017 Antelope LOL Harvest Distribution

Unit		Reported Harvest					Projected Harvest					Total	
		Bucks	Does	Buck kids	Doe kids	Total	Bucks	Does	Buck kids	Doe kids		Projected	%
Pennington E	02A	1	0	0	0	1	2	0	0	0		2	0.7%
Bennett/Oglala Lakota	11A	1	0	0	0	1	2	0	0	0		2	0.7%
Butte NW	15A	5	3	0	0	8	8	5	0	0		13	5.2%
Butte/Lawrence	15B	10	4	0	0	14	16	6	0	0		22	9.2%
Corson	20A	1	0	0	0	1	2	0	0	0		2	0.7%
Custer E /Penn C	21A	2	0	0	0	2	3	0	0	0		3	1.3%
Dewey	24A	1	1	0	0	2	2	2	0	0		3	1.3%
F River/Custer SW	27A	2	2	1	1	6	3	3	2	2		10	4.2%
Haakon	31A	1	2	0	0	3	2	3	0	0		5	2.0%
Harding W	35A	1	2	0	0	3	2	3	0	0		5	2.0%
Harding E	35B	5	3	0	0	8	8	5	0	0		13	5.2%
Hughes/Hyde	36A	5	2	0	0	7	8	3	0	0		11	4.6%
Jackson	39A	2	1	0	0	3	3	2	0	0		5	2.0%
Jones	41A	5	1	0	0	6	8	2	0	0		9	3.9%
Lyman	45A	0	0	0	0	0	0	0	0	0		0	0.0%
Ft Pr Nat Grslnd	45B	0	0	0	0	0	0	0	0	0		0	0.0%
Meade N	49A	20	8	0	1	29	31	13	0	2		46	19.0%
Meade S	49B	12	2	1	2	17	19	3	2	3		27	11.4%
Mellette	50A	2	0	0	0	2	3	0	0	0		3	1.3%
Perkins N	53A	4	1	0	1	6	6	2	0	2		9	3.9%
Perkins S	53B	9	8	0	0	17	14	13	0	0		27	11.2%
Stanley	58A	2	1	0	0	3	3	2	0	0		5	2.0%
Sully	59A	5	0	0	0	5	8	0	0	0		8	3.3%
Tripp	60A	0	0	0	0	0	0	0	0	0		0	0.0%
Walworth/Potter	63A	2	0	0	0	2	3	0	0	0		3	1.3%
Ziebach	64A	3	2	0	1	6	5	3	0	2		9	3.9%
Unknown		4	2	1	0	7							
TOTALS		105	45	3	6	159	158	68	5	9		240	

Any by county projected harvest values will differ from by unit projected harvest values due to incorrect sampling proportions within counties.
 Use these figures for approximations only!

Firearm Antelope 1976-2017



MENTORED YOUTH ANTELOPE

There were 629 resident single-tag doe/kid licenses issued for the 2017 Mentored Youth Antelope hunting season. All mentors/hunters were sampled and 441 responses (70%) were received to a combination of electronic and paper surveys.

The Mentored Youth licenses were valid during the Archery and Firearm Antelope seasons. The Archery season ran from August 19 through October 31, except when and where a state firearm antelope season was open. The Firearm Antelope season was open from September 30 - October 15.

Respondents reported hunting an average of 1.79 days each, which projected to 1,126 recreation days for the season.

Projections for the season estimated that 36 buck kids, 244 doe adults and 26 doe kids were harvested. The estimated total harvest for the Mentored Youth Antelope season was 305, and the overall success rate was 49%. The six units with the highest reported harvest were Butte/Lawrence (15B), Fall River/Custer SW (27A), Harding W (35A), Harding E (35B), Perkins S (53B), and Meade N (49A).

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 5.64.

Summary for the 2008-2017 Mentored Youth Antelope hunting seasons

YEAR	Licenses Sold	Harvest				Success	Avg Days Hunted	Average Satisfctn
		Buck Kids	Doe		Total			
			Adults	Kids				
2008	172	10	68	6	84	49%	1.96	5.87
2009	280	12	82	14	107	38%	1.85	4.96
2010	319	16	91	14	121	38%	1.88	5.15
2011	273	17	67	3	87	32%	1.50	5.31
2012	316	15	101	11	128	40%	1.61	5.66
2013	350	14	80	14	108	31%	1.32	5.35
2014	361	16	126	22	163	45%	1.58	5.58
2015	493	32	165	32	230	47%	1.71	5.72
2016	538	28	225	14	267	50%	1.83	5.72
2017	629	36	244	26	305	49%	1.79	5.64

2017 Mentored Youth Antelope Harvest Projections

Last Revised: 06-Feb-18					Harvest Projections				Avg Satisfctn Score	Avg Days Hunted
Unit/Type	Available	Sold	Response Rate	Unit Success	Adult Does	Doe Kids	Buck Kids	Total Harvest		
ST1-43	Unlimited	629	70%	49%	244	26	36	305	5.64	1.79

Satisfaction is based on a scale of 1-7, where "1" is most dissatisfied, "4" is neutral and "7" is most satisfied.

2017 Mentored Antelope Harvest Distribution

Last Revised:

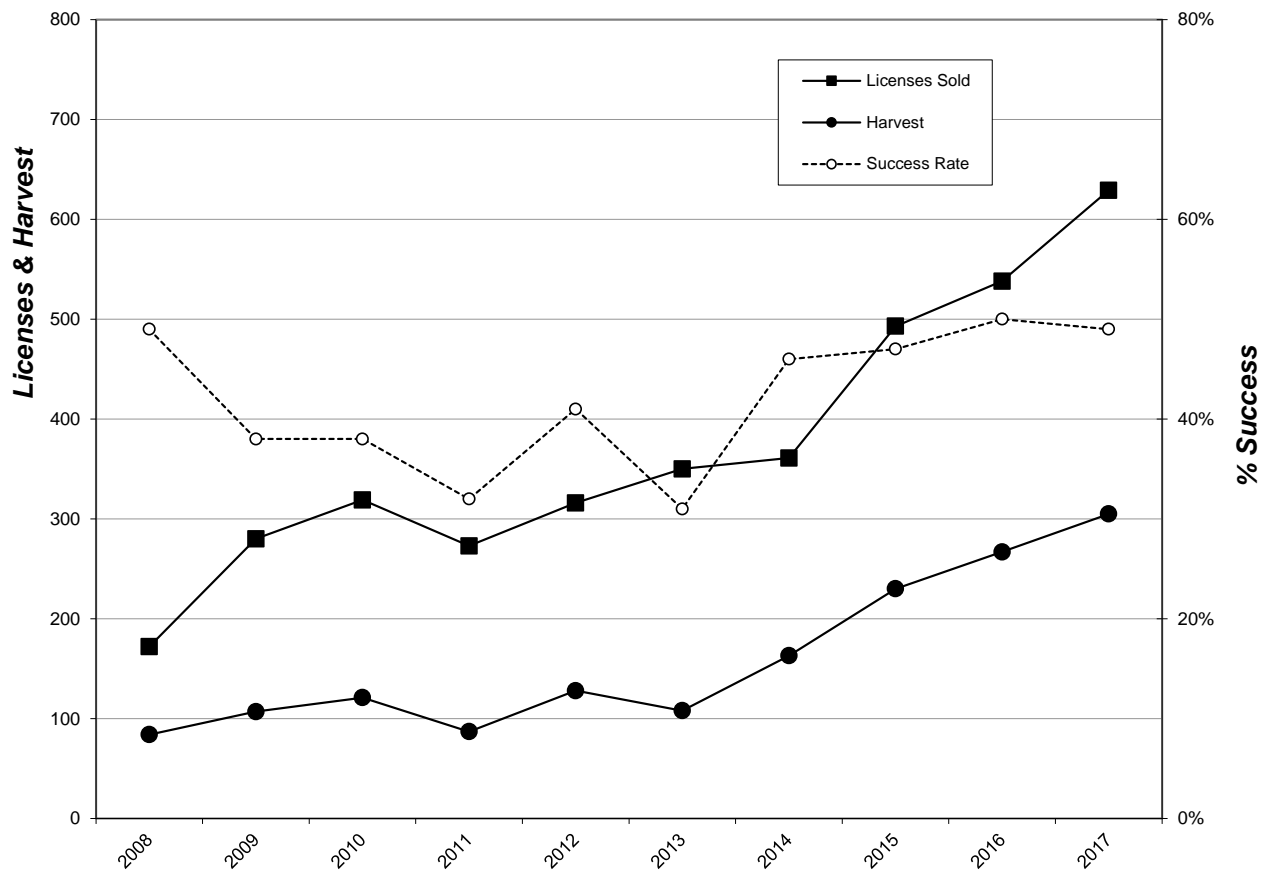
06-Feb-18

Unit	Reported Harvest				Projected Harvest			Total	
	Does	Doe Kids	Buck Kids	Total	Does	Doe Kids	Buck Kids	Projected	%
02A (Pennington E)	4	0	0	4	6	0	0	6	1.9%
11A (Bennett/Shannon)	1	0	0	1	1	0	0	1	0.5%
13 (Brule)	0	0	0	0	0	0	0	0	0.0%
14 (Buffalo)	0	0	0	0	0	0	0	0	0.0%
15A (Butte NW)	10	0	1	11	15	0	1	16	5.2%
15B (Butte/Lawrence)	18	3	7	28	26	4	10	41	13.4%
16 (Campbell)	0	0	0	0	0	0	0	0	0.0%
20A (Corson)	1	0	0	1	1	0	0	1	0.5%
21A (Custer E /Penn C)	10	0	3	13	15	0	4	19	6.2%
24A (Dewey)	1	0	0	1	1	0	0	1	0.5%
27A (F River/Custer SW)	19	0	2	21	28	0	3	31	10.0%
31A (Haakon)	0	0	0	0	0	0	0	0	0.0%
33 (Hand)	0	0	0	0	0	0	0	0	0.0%
35A (Harding W)	18	3	4	25	26	4	6	36	11.9%
35B (Harding E)	12	2	2	16	17	3	3	23	7.6%
36A (Hughes/Hyde)	3	0	0	3	4	0	0	4	1.4%
39A (Jackson)	4	0	0	4	6	0	0	6	1.9%
41A (Jones)	1	0	0	1	1	0	0	1	0.5%
45A (Lyman)	0	0	0	0	0	0	0	0	0.0%
45B (Ft Pr Nat Grslnd)	0	0	0	0	0	0	0	0	0.0%
49A (Meade N)	13	2	1	16	19	3	1	23	7.6%
49B (Meade S)	7	3	2	12	10	4	3	17	5.7%
50A (Mellette)	0	0	0	0	0	0	0	0	0.0%
53A (Perkins N)	10	0	0	10	15	0	0	15	4.8%
53B (Perkins S)	17	3	1	21	25	4	1	30	10.0%
58A (Stanley)	8	1	0	9	12	1	0	13	4.3%
59A (Sully)	3	0	1	4	4	0	1	6	1.9%
60A (Tripp)	0	0	0	0	0	0	0	0	0.0%
63A (Walworth/Potter)	4	0	0	4	6	0	0	6	1.9%
64A (Ziebach)	4	1	0	5	6	1	0	7	2.4%
Unknown	3	0	1	4					
TOTALS	171	18	25	214	244	26	36	305	

Any by county projected harvest values will differ from by unit projected harvest values due to incorrect sampling proportions within counties.

Use these figures for approximations only!

Mentored Youth Antelope 2008-2017



CUSTER STATE PARK ANTELOPE

The Custer State Park Antelope season was closed in 2017.

Summary comparison of the 2011-2017 seasons

Year	Apps	Licenses	Harvest			Success	Avg. Days Hunted	Average Satisfaction
			Bucks	Does	Total			
2011	1,170	3	3	0	3	100%	1.3	NA
2012	916	3	3	0	3	100%	1.3	NA
2013	995	3	3	0	3	100%	1.0	NA
2014	1,086	3	3	0	3	100%	2.0	6.00
2015	1,223	3	3	0	3	100%	1.7	6.67
2016	1,243	3	3	0	3	100%	1.3	7.00
2017	Season Closed							

ARCHERY ELK

A total of 269 resident licenses were issued for the 2017 Archery Elk season. All license holders were sent a survey at the end of the season and 230 responded for an 86% response rate. Approximately 70% responded through the Internet.

Respondents reported hunting an average of 11.29 days for a total of 3,037 days of recreation for the season. The projected harvest was 50 bulls and 20 cows for an overall success rate of 26%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.60 for the season. Approximately 97% of responding hunters reported hunting on public land, 2% on private land they did not own, and 1% on private land they owned.

Prior to 2002 it was assumed that any hunter that did not report harvesting an elk at the mandatory check-in was unsuccessful, and success was measured by dividing the number of hunters that reported harvesting an elk by the total number of tags issued.

Summary comparison of the 2008-2017 Archery Elk seasons

Year	# Apps 1 st Choice	Licenses Sold	Harvest			Success Rate	Avg. Days Hunted	Average Satisfaction
			Bulls	Cows	Total			
2008	3,660	202	47	9	56	28%	10.87	5.31
2009	3,826	185	52	9	61	33%	10.29	5.52
2010	3,761	144	34	6	40	28%	11.88	5.16
2011	3,486	126	24	8	32	25%	11.42	5.01
2012	3,228	97	33	4	38	39%	11.94	5.34
2013	3,952	107	33	3	36	34%	11.97	5.59
2014	4,256	106	38	4	42	40%	11.68	5.61
2015	4,761	196	55	12	66	34%	11.74	5.39
2016	4,965	280	57	25	82	29%	11.11	5.40
2017	4,892	269	50	20	70	26%	11.29	5.60

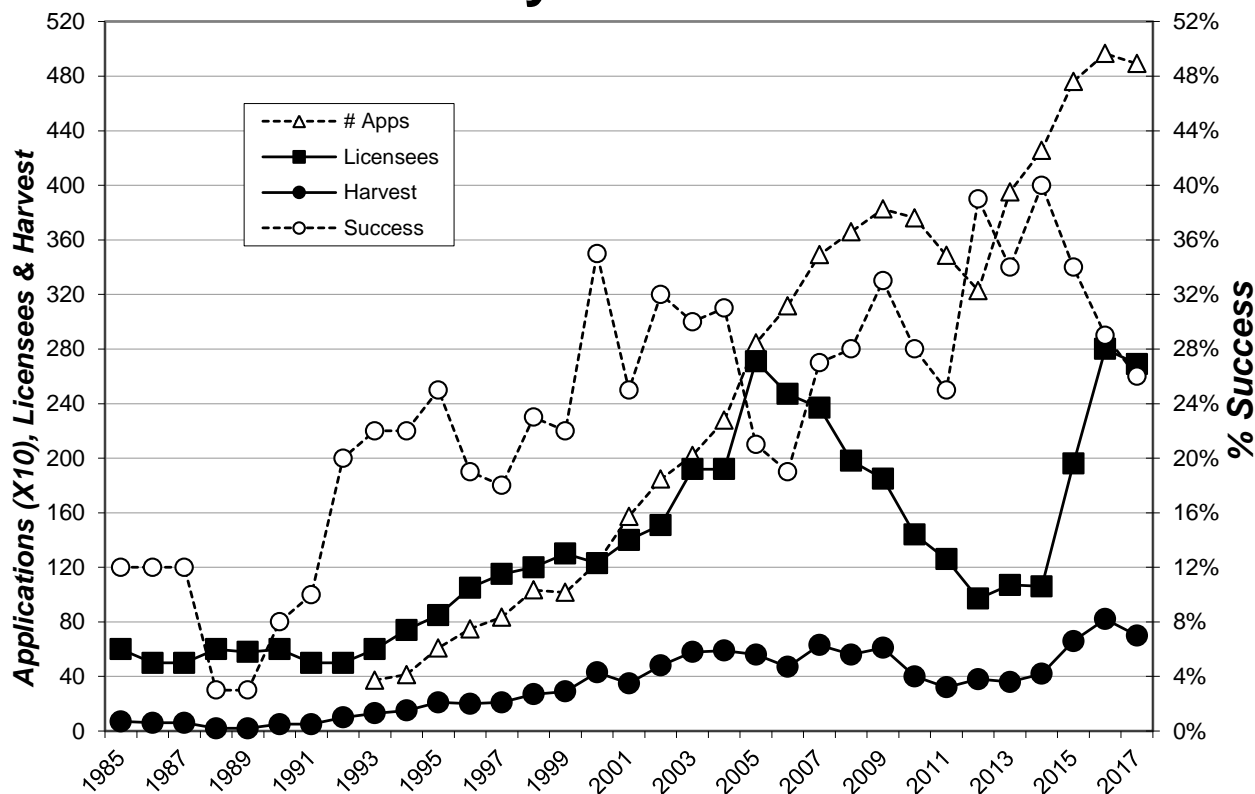
2017 Archery Elk Harvest Projections

Last Revised: 22 March 2018

Last Revised: 22 March 2016

Resident Licenses						Harvest Projections						Elk Shot Not Recovered	Avg Satisfctn Score	Avg Days Hunted	Land Hunted Most			
Appl. 1st						Bull		Cow		Total Elk					Other			
Unit/Type	Choice *	Avail.	Sold	Resp.	Success	Bulls	Cows	Calves	Calves	Harvested	CI (95%)	Public	Own	Private				
H1A-21	641	25	25	88%	18%	5	0	0	0	5	+/-1	9	5.2	16.2	24	1	0	
H1A-23	6	10	9	89%	0%	0	0	0	0	0	+/-0	0	6.0	9.4	8	0	0	
H2A-21	3,628	90	88	86%	39%	34	1	0	0	35	+/-4	15	5.6	13.3	88	0	0	
H2A-23	55	105	101	85%	16%	1	15	0	0	16	+/-3	8	5.7	8.5	95	0	0	
H3A-21	380	25	24	83%	50%	10	2	0	0	12	+/-2	6	6.3	11.1	20	1	1	
H3A-23	4	10	10	80%	13%	0	1	0	0	1	+/-1	1	5.4	9.4	6	0	4	
H5A-21	33	2	2	100%	50%	1	0	0	0	1	+/-0	1	5.5	11.5	2	0	0	
H7A-21	143	5	5	80%	0%	0	0	0	0	0	+/-0	3	4.8	17.3	5	0	0	
H7A-23	2	5	5	80%	0%	0	0	0	0	0	+/-0	0	4.0	9.0	5	0	0	
Totals	4,892	277	269	85.5%	26.0%	50	20	0	0	70	+/- 11	43	5.60	11.29	254	2	5	
The response rate for all units combined is:															85.5%			
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.																		
* Number of 1st drawing applicants with that unit as 1st choice.																		

Archery Elk 1985-2017



BLACK HILLS FIREARM ELK

A total of 1,581 licenses were issued for the 2017 Black Hills Firearm Elk season. All license holders were sent a survey at the end of the season and 1,404 responded for an 89% response rate. Approximately 73% responded through the Internet.

Respondents reported hunting an average of 4.77 days which projects to a total of 7,542 days of recreation for the season. The projected harvest was 364 bulls and 682 cows for an overall success rate of 66%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.50 for the season. Approximately 92% of responding hunters reported hunting on public land, 5% on private land they did not own, and 3% on private land they owned.

Prior to 2002 it was assumed that any hunter that did not report harvesting an elk at the mandatory check in was unsuccessful, and success was measured by dividing the number of hunters that reported harvesting an elk by the total number of tags issued.

Summary comparison of the 2008-2017 Black Hills Firearm Elk seasons

Year	# Apps 1st Choice	Licenses Sold	Harvest			Success Rate	Avg. Days Hunted	Average Satisfaction
			Bulls	Cows	Total			
2008	13,083	1,675	473	390	863	52%	6.57	4.62
2009	12,915	1,366	404	379	783	57%	6.38	4.70
2010	12,197	1,059	300	260	560	53%	6.64	4.47
2011	11,031	866	299	173	472	55%	6.80	4.64
2012	9,665	570	291	125	416	73%	6.37	5.30
2013	11,274	620	272	103	374	60%	6.63	4.65
2014	11,461	664	295	178	472	71%	5.85	5.46
2015	12,126	922	312	345	657	71%	6.66	5.54
2016	12,692	1,745	363	724	1,087	62%	4.59	5.42
2017	12,201	1,581	364	682	1,047	66%	4.77	5.50

2017 Black Hills Firearm Elk Harvest Projections

Last Revised: 22 March 2018

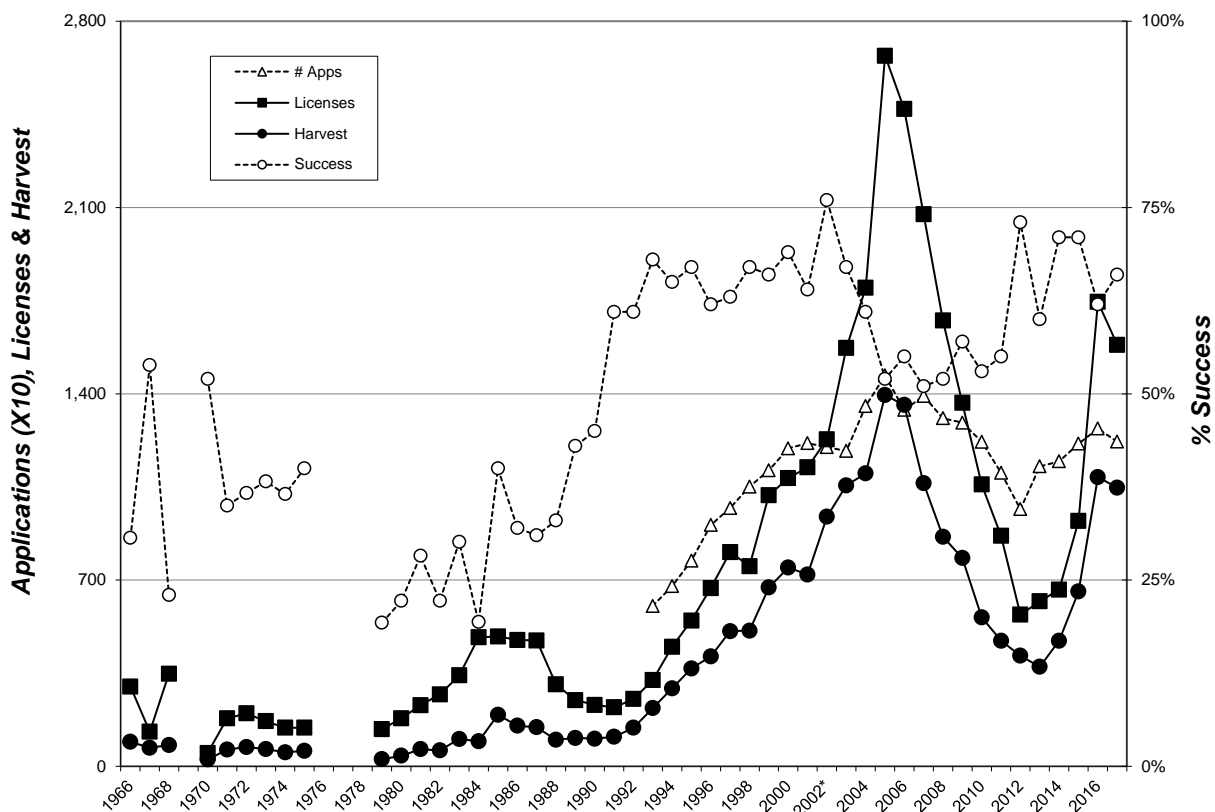
Resident Licenses						Harvest Projections						Elk Shot Not Recovered	Avg Satisfctn Score	Avg Days Hunted	Land Hunted Most		
Unit/Type	Appl. 1st Choice *	Avail.	Sold	Resp.	Success	Bulls	Cows	Calves	Calves	Total Elk Harvested	Cl (95%)				Public	Own	Other Private
H1A-21	1,136	75	75	91%	78%	53	6	0	0	58	+/-2	8	5.51	6.4	69	3	1
H1B-23	57	30	30	77%	26%	0	8	0	0	8	+/-3	0	4.68	6.1	29	0	0
H2A-21	8,825	250	247	91%	84%	196	11	1	0	208	+/-3	12	5.96	6.8	231	7	3
H2B-23	210	175	173	91%	59%	0	94	3	5	103	+/-4	9	5.66	5.0	172	0	0
H2C-23	41	125	125	86%	69%	0	78	5	4	86	+/-4	5	5.85	3.7	119	0	0
H2D-23	11	25	25	79%	58%	0	11	1	3	14	+/-3	3	5.88	2.4	21	0	0
H2E-23	93	200	197	89%	50%	0	87	3	9	99	+/-5	1	5.10	4.2	183	0	2
H2F-23	80	200	198	92%	62%	0	108	7	8	123	+/-4	8	5.33	4.0	189	0	1
H2G-23	22	125	123	93%	86%	0	91	4	11	106	+/-2	5	6.01	2.5	121	0	0
H2H-23	6	15	15	80%	58%	0	9	0	0	9	+/-2	0	5.18	3.2	14	0	0
H2I-23	3	15	15	87%	85%	0	13	0	0	13	+/-1	1	5.62	3.5	15	0	0
H2J-23	1	15	15	87%	69%	0	8	0	2	10	+/-1	1	5.92	3.2	15	0	0
H3A-21	1,222	80	80	90%	78%	54	8	0	0	62	+/-2	3	5.72	5.2	42	28	9
H3B-23	15	15	14	93%	38%	0	4	0	1	5	+/-1	0	5.00	4.1	12	0	1
H3C-23	2	15	15	93%	57%	0	9	0	0	9	+/-1	0	5.31	3.9	12	0	2
H3D-23	0	15	15	93%	71%	0	11	0	0	11	+/-1	2	5.93	4.4	15	0	0
H3E-23	19	50	50	82%	40%	0	16	1	3	20	+/-3	3	4.37	5.0	30	1	16
H3F-23	10	50	50	86%	56%	0	23	0	5	28	+/-3	0	5.17	3.7	29	1	17
H3G-23	4	50	51	88%	60%	0	28	1	1	31	+/-3	1	5.23	3.8	37	0	11
H4A-21	35	8	8	100%	88%	7	0	0	0	7	+/-0	0	5.86	1.8	1	2	4
H5A-21	52	5	5	80%	50%	3	0	0	0	3	+/-1	0	3.00	13.3	4	1	0
H7A-21	299	20	20	80%	94%	19	0	0	0	19	+/-1	1	5.56	9.9	18	1	1
H7B-23	13	20	20	65%	31%	0	6	0	0	6	+/-3	0	3.85	8.2	20	0	0
H9A-21	44	5	5	100%	100%	5	0	0	0	5	+/-0	0	6.40	6.2	0	2	3
H9B-23	1	10	10	80%	50%	0	4	1	0	5	+/-2	0	4.63	6.4	4	1	5
Totals	12,201	1,593	1,581	89.0%	66.2%	336	631	28	51	1,047	+/- 55	63	5.50	4.77	1,403	48	77

The response rate for all units combined is: 89.0%

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

* Number of 1st drawing applicants with that unit as 1st choice.

Black Hills Firearm Elk 1966-2017



PRAIRIE FIREARM ELK

A total of 149 licenses were issued for the 2017 Prairie Firearm Elk season. All license holders were sent a survey at the end of the season and 131 responded for an 88% response rate. Approximately 67% responded through the Internet.

Respondents reported hunting an average of 6.43 days for a total of 958 days of recreation. The projected harvest was 41 bulls and 34 cows for an overall success rate of 50%.

Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 4.81 for the season.

Approximately 16% of responding hunters reported hunting mostly on public land, 68% on private land they did not own, and 16% on private land they owned.

Summary comparison for 2008-2017 Prairie Firearm Elk seasons

YEAR	Licenses	Harvest			Success	Avg. Days Hunted	Average Satisfaction
	Sold	Bulls	Cows	Total			
2008	76	18	17	35	46%	7.46	4.29
2009	133	29	22	51	38%	5.31	4.17
2010	134	24	27	51	38%	3.92	4.00
2011	128	20	15	35	27%	4.03	4.02
2012	97	26	20	46	47%	5.22	4.72
2013	96	18	13	30	32%	4.81	4.15
2014	92	33	25	59	64%	3.73	5.31
2015	98	29	25	54	55%	4.59	5.34
2016	148	32	27	60	40%	4.76	4.68
2017	149	41	34	75	50%	6.43	4.81

2017 Prairie Firearm Elk Harvest Projections

Last Revised: 22 March 2018

Resident Licenses						Harvest Projections						Elk Shot Not Recovered	Avg Satisfctn Score	Avg Days Hunted	Land Hunted Most		
Appl. 1st						Bull		Cow		Total Elk					Public	Own	Other
Unit/Type	Choice *	Avail.	Sold	Resp.	Success	Bulls	Cows	Calves	Calves	Harvested	Cl (95%)	Score	Hunted				
09A-21	448	10	10	90%	78%	8	0	0	0	8	+/-1	1	5.8	8.9	0	4	6
09A-23	31	40	40	95%	16%	0	5	0	1	6	+/-1	0	3.8	5.2	1	1	28
11A-23	23	10	10	90%	78%	0	8	0	0	8	+/-1	0	6.3	2.0	0	0	9
11B-21	512	12	12	75%	100%	12	0	0	0	12	+/-0	0	5.1	3.2	4	4	4
11C-21	250	12	12	67%	75%	9	0	0	0	9	+/-2	0	4.9	6.4	3	5	5
11D-23	61	20	20	90%	72%	0	13	0	1	14	+/-1	0	6.2	4.3	3	0	16
15A-21	250	10	10	90%	22%	2	0	0	0	2	+/-1	0	3.3	21.9	0	4	6
15A-23	13	10	10	80%	13%	0	1	0	0	1	+/-1	0	3.9	9.8	0	1	9
27A-21	644	15	15	93%	64%	9	1	0	0	10	+/-1	0	5.1	4.6	6	3	5
27A-23	17	10	10	90%	44%	0	3	1	0	4	+/-1	0	5.2	5.6	4	0	2
Totals	2,249	149	149	87.9%	50.3%	40	32	1	2	75	+/- 10	1	4.81	6.43	22	22	90
The response rate for all units combined is:					87.9%												
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.																	
* Number of 1st drawing applicants with that unit as 1st choice.																	
															16%	16%	68%

CUSTER STATE PARK ARCHERY ELK

A total of 3 resident licenses were issued for the 2017 Custer State Park Early Archery Elk season which was open from September 1-30. There was no Late CSP Archery season in 2017.

Respondents reported hunting an average of 9.7 days for a total of 29 days of recreation. One hunter reported harvesting an adult bull. Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.67 for the season.

Summary comparison of the 2008-2017 CSP Archery elk seasons

Year	Applications	Licenses	Bull Harvest	Cow Harvest	Success	Avg. Days Hunted	Average Satisfaction
2008	5,083	58	8	0	16%	8.74	NA
2009	5,141	58	5	3	15%	10.4	NA
2010	4,898	35	0	0	0%	11.2	NA
2011	3,863	18	1	0	6%	7.8	NA
2012	2,077	3	0	0	0%	14.0	NA
2013	2,740	3	3	0	100%	9.3	NA
2014	3,023	4	4	0	100%	8.8	7.00
2015	3,600	4	3	0	75%	16.3	6.50
2016	3,707	3	1	0	33%	15.0	6.00
2017	3,704	3	1	0	33%	9.7	5.67

CUSTER STATE PARK FIREARM ANY ELK

A total of 9 resident licenses were issued for the 2017 Custer State Park Firearm Any Elk season which was open from September 16 – October 1.

Respondents reported hunting an average of 2.3 days for a total of 21 days of recreation. All hunters but one responded and all but one reported harvesting adult bulls. Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 6.71 for the season.

Summary comparison of the 2008-2017 CSP Firearm Any elk seasons

Year	Applications	Licenses	Bull Harvest	Cow Harvest	Success	Avg. Days Hunted	Average Satisfaction
2008	10,998	36	35	0	97%	3.9	NA
2009	10,823	36	30	1	86%	5.7	NA
2010	10,145	21	14	2	76%	NA	NA
2011	8,019	11	10	0	91%	5.50	NA
2012	6,582	4	4	0	100%	1.75	NA
2013	7,860	4	3	1	100%	2.00	NA
2014	8,084	4	4	0	100%	1.00	7.00
2015	9,136	8	8	0	100%	1.90	6.88
2016	8,958	9	8	0	89%	2.80	6.56
2017	8,828	9	8	0	88%	2.30	6.71

CUSTER STATE PARK ANTLERLESS ELK

A total of 29 resident licenses were issued for the 2017 Custer State Park Antlerless Elk season which was open from October 7-15 for Unit CU1, October 21-29 for Unit CU2, and December 2-10 for Unit CU3. An additional three seasons were scheduled with 10 licenses each, but were canceled due to a fire that burned a significant portion of the Park.

Respondents reported hunting an average of 2.1 days for a total of 61 days of recreation. All hunters responded and one adult bull, 23 adult cows, and one cow calf were reported harvested. One hunter reported shooting an elk that he/she was unable to recover. Hunter satisfaction was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied) and averaged 5.83 for the season.

Summary comparison of the 2007-2017 CSP Antlerless elk seasons

Year	Applications	Licenses	Bull Harvest	Cow Harvest	Success	Avg. Days Hunted	Average Satisfaction
2007	3,763	60	1	31	53%	3.3	NA
2008	3,646	40	2	21	55%	2.8	NA
2009	3,548	20	0	19	95%	2.5	NA
2010	3,192	5	0	4	80%	NA	NA
2011-15	Closed						
2016	3,138	20	0	18	90%	2.20	6.20
2017	3,436	29	1	24	86%	2.10	5.83

2017 Custer State Park Antlerless Elk Harvest Projections

Last Revised: 22 March 2018

Last Revised: 22 March 2019

Resident Licenses						Harvest Projections						Avg		Avg
Appl. 1st						Bull Cow Total Elk						Elk Shot Not	Satisfctn	Days
Unit/Type	Choice *	Avail.	Sold	Resp.	Success	Bulls	Cows	Calves	Calves	Harvested	CI (95%)	Recovered	Score	Hunted
CU1-23	2,052	10	10	100%	90%	0	8	0	1	9	+/-0	1	5.10	2.8
CU2-23	982	10	9	100%	78%	1	6	0	0	7	+/-0	0	6.33	2.0
CU3-23	402	10	10	100%	90%	0	9	0	0	9	+/-0	0	6.10	1.5
Totals	3,436	30	29	100.0%	86.2%	1	23	0	1	25	+/-0	1	5.83	2.10

* Number of 1st drawing applicants with that unit as 1st choice.

* Number of 1st drawing applicants with that unit as 1st choice.

Statewide Combined Deer Harvest

There were 50,596 resident deer licenses (plus unlimited licenses) available in 2017 and 95,329 were issued. Nonresidents had 2,361 licenses (plus unlimited licenses) available and 8,059 were issued. Statewide, there were a total of 103,388 licenses sold that represented a total of 117,030 tags, an increase in 2,208 licenses but a decrease of 5,416 tags from 2016. Triple-tag licenses were eliminated again after offering them for the East River season in 2016. A total of 68,101 individual hunters were issued deer licenses in 2017, up slightly from 67,615 in 2016.

Random samplings were taken for each unit within each season unless the numbers of hunters were low enough that all were sampled to satisfy the statistical analyses. Response rates ranged from 69% for Landowner East River Deer to 89% for Custer State Park.

The projected statewide deer harvest was 51,932, a 1.1% decrease from 2016. This estimate included 27,859 whitetail bucks, 16,768 whitetail does, 5,920 mule bucks and 1,385 mule does. A slight decrease in overall harvest of 1,095 deer with a moderate decrease in the number of tags issued resulted in a 1% increase in harvest success from 2016.

A significant decrease in white-tailed doe harvest accounted for the decrease in overall harvest from 2016. Both mule buck and doe harvest estimates increased from 2016 by 619 and 190 respectively. Mule deer made up approximately 14% of the total harvest.

The 2017 overall statewide harvest success increased to 44% from 43% in 2016. Harvest success ranged from 26% for Archery to 82% for West River Special Buck.

Respondents reported hunting an average of 5.24 days per hunter, which projects to a statewide total of 541,555 recreation days in 2016. An increase in days hunted combined with a slight increase in license sales resulted in an increase of approximately 21,300 total days of recreation from 2016.

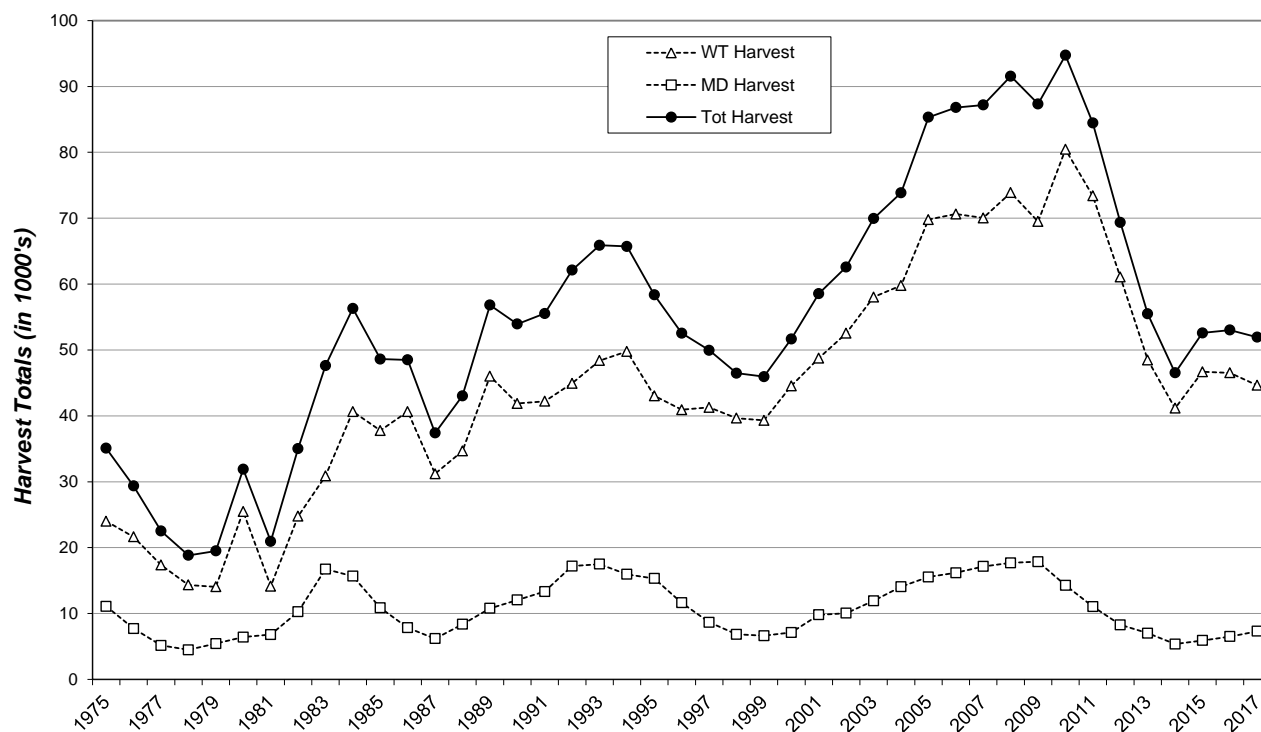
Average hunter satisfaction values (1=very dissatisfied to 7=very satisfied) varied between seasons and ranged from 4.86 for East River to 5.94 for West River Special Buck.

2017 Statewide Deer Harvest Projection Summary

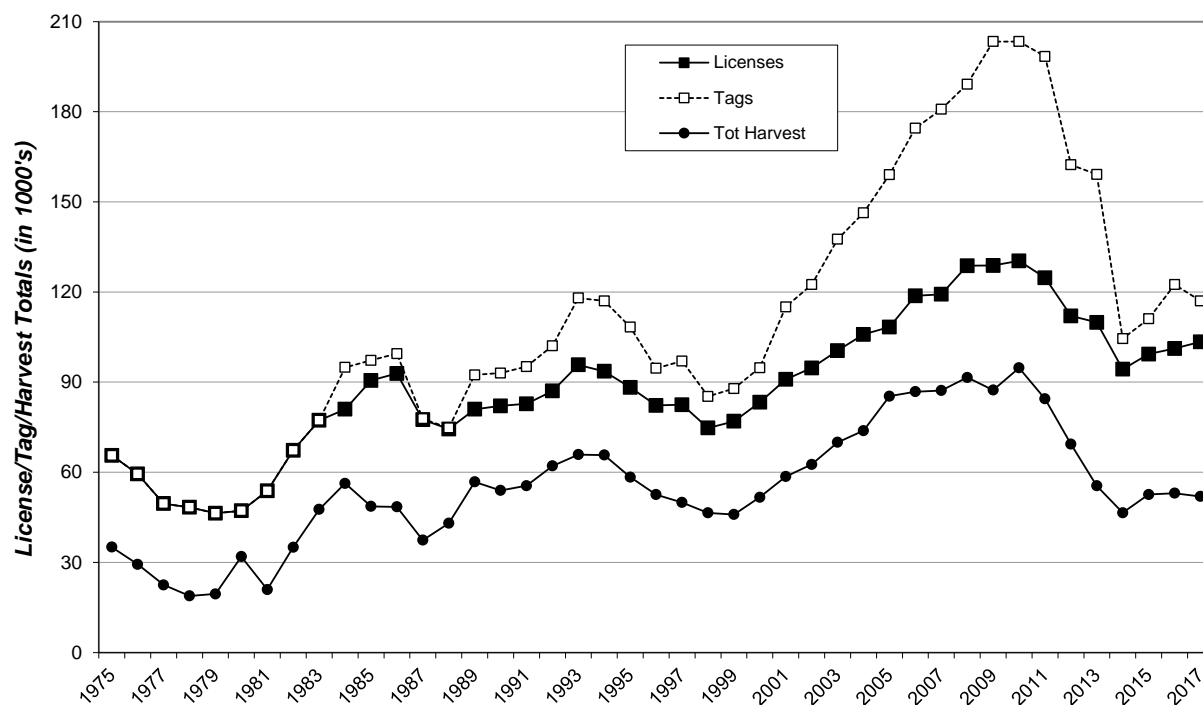
last revised: 11 May 2018

SOUTH DAKOTA	Season	Archery	Youth Antlerless	Mentored Youth	Muzzleloader	Landowner Own Land Antlerless	West River	West River Landowner Own Land	West River Special Buck Unit	East River	East River Landowner Own Land	East River Special Buck Unit	Sand Lake NWR	Lacreek NWR	Waubay NWR	Black Hills	Custer State Park	Grand Totals
Harvest Statistic																		
Licenses/Tags													Refuges					
Resident Licenses																		
Available		Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	18,660	Unlimited	500	26,375	Unlimited	502	150	25	20	4,300	64	50,596
Sold		25,512	4,706	4,069	3,304	349	18,319	2,490	501	25,406	5,596	499	150	26	19	4,319	64	95,329
Resident Tags																		
Available		Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	21,980	Unlimited	500	31,625	Unlimited	502	150	25	20	4,300	64	59,166
Sold		25,512	4,706	4,069	3,304	349	21,541	4,015	501	30,006	9,051	499	150	26	19	4,319	64	108,131
Nonresident Licenses																		
Available		Unlimited	Unlimited	N/A	Unlimited	N/A	1,497	N/A	500	Leftovers	N/A	N/A	15	3	2	344	N/A	2,361
Sold		3,800	619	N/A	128	N/A	1,823	N/A	499	830	N/A	N/A	15	0	2	343	N/A	8,059
Nonresident Tags																		
Available		Unlimited	Unlimited	N/A	Unlimited	N/A	1,763	N/A	500	Leftovers	N/A	N/A	15	3	2	344	N/A	2,627
Sold		3,800	619	N/A	128	N/A	2,180	N/A	499	1,313	N/A	N/A	15	0	2	343	N/A	8,899
Total Licenses																		
Available		Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	20,157	Unlimited	1,000	26,375	Unlimited	502	165	28	22	4,644	64	52,957
Sold		29,312	5,325	4,069	3,432	349	20,142	2,490	1,000	26,236	5,596	499	165	26	21	4,662	64	103,388
Total Tags																		
Available		Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	23,743	Unlimited	1,000	31,625	Unlimited	502	165	28	22	4,644	64	61,793
Sold		29,312	5,325	4,069	3,432	349	23,721	4,015	1,000	31,319	9,051	499	165	26	21	4,662	64	117,030
Hunters																		
		23,009	5,325	4,069	3,358	282	19,213	2,490	1,000	25,167	5,596	499	165	26	21	4,662	64	68,101
Recreation																		
Average Days Hunted		10.94	4.17	3.78	4.39	3.59	3.20	3.84	3.47	4.19	4.47	5.11	2.72	2.73	2.22	4.39	3.50	5.24
Total Days Hunted		251,820	22,227	15,389	14,758	4,236	61,393	9,559	3,472	109,861	25,025	2,549	449	71	47	20,476	224	541,555
Mean Satisfaction Score		5.24	5.65	5.83	5.10	5.10	5.05	5.21	5.94	4.86	4.99	5.16	4.96	5.18	5.44	5.76	5.70	
Harvest																		
White-tailed Deer																		
Bucks		4,751	292	230	263	9	6,896	756	324	9,143	2,224	268	36	11	10	2,616	30	27,859
Does		1,774	2,072	1,567	866	158	2,799	424	1	5,484	956	6	15	1	3	630	12	16,768
Total		6,525	2,364	1,797	1,129	167	9,695	1,180	326	14,627	3,180	274	51	12	13	3,246	41	44,627
Mule Deer																		
Bucks		961	35	31	118	0	3,373	522	489	195	95	22	0	0	0	79	0	5,920
Does		136	426	319	4	6	212	183	4	57	38	0	0	0	0	0	0	1,385
Total		1,097	461	350	121	6	3,585	706	492	252	134	22	0	0	0	79	0	7,305
Total Deer Harvest																		
Bucks		5,712	326	261	381	9	10,269	1,279	813	9,338	2,320	291	36	11	10	2,695	30	33,779
Does		1,910	2,498	1,886	870	164	3,011	607	5	5,542	994	6	15	1	3	630	12	18,153
Total		7,622	2,825	2,147	1,251	173	13,280	1,886	818	14,879	3,314	297	51	12	13	3,325	41	51,932
Success		26%	53%	53%	36%	49%	56%	47%	82%	48%	37%	59%	31%	46%	61%	71%	65%	44%

South Dakota Combined Deer Harvest 1975-2017



South Dakota Combined Deer Licensing 1975-2017



ARCHERY DEER

There were 29,312 archery deer licenses issued in 2017 (25,512 resident, 3,800 nonresident). All were single any-deer tags for the Statewide, East River, or West River units, or single antlerless whitetail tags for the LM1 (Limited Statewide) unit.

The 2017 Archery Deer season ran from September 23, 2017 through January 15, 2018, however only unfilled antlerless tags were valid from January 1-15. All license holders and access permit holders were surveyed and 16,911 responded for a 74% return rate. Approximately 67% of hunters used the Internet to respond. Respondents reported hunting 10.94 days per hunter, which projects to a total of 251,820 recreation days for the season.

The projected harvest for the archery season was 7,622 deer (4,750 whitetail bucks, 1,775 whitetail does, 961 mule deer bucks, and 136 mule deer does). The hunter success rate for the season was 30%. The five deer management units with the highest reported harvest by residents were the Black Hills, Brown, Minnehaha, Yankton, and Brookings, and by nonresidents were the Black Hills, Butte, Gregory, West Harding, and Custer National Forest.

Satisfaction was also measured (1=very dissatisfied to 7=very satisfied) and the average response for this season was 5.24.

Summary comparison of the 2012-2017 Archery Deer seasons

YEAR	Licenses Sold		Harvest					Tag Success	Avg Days	Average Satisfctn
			Bucks		Does		Hunted			
	Res	Nonres	WT	Mule	WT	Mule	Total			
2012	25,100	3,128	4,086	379	3,264	137	7,866	26%	11.78	4.86
2013	24,315	3,036	3,875	424	2,585	141	7,025	24%	11.11	4.76
2014	21,647	2,840	3,948	562	1,459	83	6,052	25%	10.80	4.97
2015	23,507	3,180	5,042	632	1,593	73	7,340	28%	11.24	5.14
2016	24,531	3,474	4,780	824	1,987	89	7,680	27%	10.80	5.06
2017	25,512	3,800	4,750	961	1,775	136	7,622	26%	10.94	5.24

2017 Archery Deer Harvest Projections

Last Revised: 3-May-18								Harvest Projections											
								Whitetail				Mule Deer				Total Deer	Avg Days	Avg	
								Bucks		Does		Bucks		Does					
Unit	Residency	Licenses Available	Licenses Sold	License Holders	Response Rate	Hunter Success	Tag Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvest	Hunted	Satisfaction	
Statewide no Access Permit	Resident	Unlimited	24,641	18,843	73%	28%	24%	3,656	125	1,397	112	477	8	73	3	5,851	11.62	5.14	
	Nonresident	Unlimited	3,321	3,133	79%	42%	41%	806	12	170	10	315	8	33	0	1,353	6.70	5.73	
Statewide with Access Permit	Resident	Unlimited	871	667	77%	33%	33%	116	8	77	3	72	0	7	1	284	14.21	5.08	
	Nonresident	Unlimited	479	366	82%	33%	28%	26	1	6	0	79	2	16	2	134	6.35	5.76	
Totals	Resident	Unlimited	25,512	19,510	73.1%	29%	24%	3,773	133	1,474	114	549	8	80	4	6,135	11.71	5.14	
	Nonresident	Unlimited	3,800	3,499	79.0%	41%	39%	832	13	176	10	394	10	49	2	1,487	6.67	5.73	
Grand Totals			29,312	23,009	74.0%	30%	26%	4,604	146	1,650	125	943	18	129	7	7,622	10.94	5.24	

2017 Access Permit Unit Archery Deer Harvest Projections

										Harvest Projections											
Last Revised: 3-May-18										Whitetail				Mule Deer				Total Deer Harvest	Avg Days Hunted	Avg Satisfaction	
										Bucks		Does		Bucks		Does					
Unit	Residency	Licenses Available	Permits Issued	Permit Holders	Projected Hunted	Response Rate	Hunter Success	Permit Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn					
Brule Cty GPA Corps/13L	Resident	Unlimited	112	112	15	81%	17%	2%	0	0	0	0	2	0	0	0	2	3.08	4.62		
	Nonresident	Unlimited	44	44	0	74%	0%	0	0	0	0	0	0	0	0	0	0	0	0		
Custer Nat Forest/35L	Resident	Unlimited	497	497	304	76%	8%	5%	3	0	0	0	20	0	1	0	24	4.48	5.76		
	Nonresident	Unlimited	326	326	249	83%	21%	16%	6	1	4	0	31	1	7	1	51	4.57	5.08		
Hill Ranch GPA/27L	Resident	Unlimited	149	149	60	78%	7%	3%	1	1	1	0	0	0	0	0	4	1.65	6.16		
	Nonresident	Unlimited	62	62	23	82%	5%	2%	0	0	0	0	1	0	0	0	1	11.89	5.22		
Little Moreau GPA/24B	Resident	Unlimited	113	113	29	85%	17%	4%	2	0	2	0	0	0	0	0	5	3.88	5.25		
	Nonresident	Unlimited	47	47	9	87%	38%	7%	3	0	0	0	0	0	0	0	3	3.50	5.63		
Totals	Resident		871	667	398	76.8%	8.9%	5%	6	1	4	0	22	0	1	0	35	3.96	5.74		
	Nonresident		479	366	281	82.0%	20.3%	15%	10	1	4	0	32	1	7	1	56	5.14	5.11		
Grand Totals			1,350	1,033	678	78.6%	13.7%	9%	16	3	7	0	54	1	9	1	91	4.45	5.48		

14 hunters in the regular Archery Survey who did not have an Access Permit reported harvesting deer in the Custer National Forest unit, and 2 in the Brule City Unit

South Dakota Game Report No 2018-05 - 2017 Big Game Harvest Projections
Corey Huxoll

2017 Archery Deer Harvest Distribution by Management Unit

Last Revised:
08-May-18

Unit	Reported Harvest									Projected Harvest									
	Whitetail				Mule Deer				Total	Whitetail				Mule Deer				Total	
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does			
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		
01A (Minnehaha)	157	9	71	5	1	0	0	0	243	231	13	105	8	1	0	0	0	359	4.7%
02A (NE Penn/SE Meade)	33	0	13	2	26	0	0	0	74	47	0	19	3	36	0	0	0	106	1.4%
02C (SE Pennington)	38	0	21	1	24	0	5	0	89	56	0	31	1	34	0	8	0	130	1.7%
03A (Brown)	134	6	63	3	0	0	0	0	206	193	9	93	5	0	0	0	0	299	3.9%
04A (Beadle)	75	2	28	3	1	0	0	0	109	109	3	42	5	1	0	0	0	159	2.1%
05A (Codington)	99	1	27	0	1	0	0	0	128	145	1	40	0	1	0	0	0	188	2.5%
06A (Brookings)	93	8	51	2	0	0	0	0	154	137	12	75	3	0	0	0	0	227	3.0%
07A (Yankton)	92	3	33	1	0	0	0	0	129	135	4	49	2	0	0	0	0	190	2.5%
08A (Davison)	34	0	5	0	0	0	0	0	39	50	0	7	0	0	0	0	0	57	0.8%
10A (Aurora)	29	1	10	2	0	0	0	0	42	41	1	15	3	0	0	0	0	60	0.8%
11A (N Bennett)	5	0	1	0	0	0	0	0	6	7	0	1	0	0	0	0	0	9	0.1%
11B (S Bennett)	6	0	2	0	0	0	0	0	8	8	0	3	0	0	0	0	0	11	0.1%
12A (Bon Homme)	37	0	11	0	1	0	0	0	49	54	0	16	0	1	0	0	0	72	0.9%
13A (Brule)	35	1	2	0	8	0	2	0	48	51	1	3	0	12	0	3	0	69	0.9%
13L (Brule GPA/Corps)	2	0	0	0	2	0	0	0	4	3	0	0	0	3	0	0	0	6	0.1%
14A (Buffalo)	7	1	0	0	6	0	0	0	14	10	1	0	0	8	0	0	0	20	0.3%
15A (Butte)	34	0	27	2	44	2	7	0	116	48	0	39	3	62	3	10	0	165	2.2%
15B (SW Butte/Lawrence)	65	1	20	2	7	0	1	0	96	94	1	29	3	10	0	2	0	140	1.8%
16A (Campbell)	14	0	3	0	3	0	0	0	20	20	0	4	0	4	0	0	0	29	0.4%
17A (Charles Mix)	39	1	3	0	12	1	2	0	58	57	1	4	0	17	1	3	0	84	1.1%
18A (Clark)	62	0	8	1	0	0	0	0	71	90	0	12	2	0	0	0	0	103	1.4%
19A (Clay)	45	1	8	0	0	0	0	0	54	66	1	12	0	0	0	0	0	79	1.0%
20A (Corson)	4	1	0	0	9	0	1	0	15	6	1	0	0	13	0	2	0	21	0.3%
21A (E Custer/S Penn)	30	2	10	0	19	0	1	0	62	44	3	15	0	28	0	2	0	91	1.2%
21B (C Custer/C Penn)	14	0	5	0	10	0	1	0	30	21	0	7	0	14	0	2	0	44	0.6%
22A (Day)	63	0	7	2	0	0	0	0	72	91	0	10	3	0	0	0	0	104	1.4%
23A (Deuel)	32	4	9	0	0	0	0	0	45	47	6	13	0	0	0	0	0	66	0.9%
24A (Dewey)	6	0	1	0	0	0	0	0	7	8	0	1	0	0	0	0	0	10	0.1%
24B (Little Moreau)	5	0	2	0	0	0	0	0	7	7	0	3	0	0	0	0	0	10	0.1%
25A (Douglas)	13	1	0	0	0	0	0	0	14	19	1	0	0	0	0	0	0	21	0.3%
26A (Edmunds)	35	1	15	3	2	0	0	0	56	50	1	22	4	3	0	0	0	81	1.1%
27A (NW FRiver/SW Cust)	6	0	4	0	18	0	3	0	31	9	0	6	0	26	0	5	0	45	0.6%
27B (Fall River)	8	0	12	0	30	0	4	0	54	12	0	18	0	43	0	6	0	79	1.0%
27L (Hill Ranch Area)	1	1	1	0	1	0	0	0	4	1	1	1	0	1	0	0	0	6	0.1%
28A (Faulk)	35	2	13	2	0	0	0	0	52	50	3	19	3	0	0	0	0	75	1.0%
29A (Grant)	55	1	18	1	0	0	0	0	75	80	1	27	2	0	0	0	0	109	1.4%
30A,B (Gregory)	73	3	29	0	9	0	2	0	116	103	4	42	0	13	0	3	0	164	2.2%
31A (Haakon)	31	0	6	0	19	1	0	0	57	44	0	9	0	27	1	0	0	82	1.1%
32A (Hamlin)	61	4	11	1	0	0	0	0	77	89	6	16	2	0	0	0	0	113	1.5%
33A (Hand)	57	2	13	2	1	0	0	0	75	82	3	19	3	1	0	0	0	109	1.4%
34A (Hanson)	22	0	2	0	0	0	0	0	24	32	0	3	0	0	0	0	0	35	0.5%
35A (W Harding)	34	0	14	0	72	0	11	0	131	47	0	21	0	100	0	16	0	184	2.4%
35C (E Harding)	7	0	3	0	32	1	3	1	47	10	0	4	0	45	1	4	1	66	0.9%
35L (Custer Nat Forest)	12	1	3	0	47	1	9	1	74	17	1	4	0	66	1	12	1	102	1.3%
36A (Hughes)	39	2	7	0	11	1	1	0	61	56	3	10	0	16	1	2	0	88	1.2%
37A (Hutchinson)	22	1	2	0	0	0	0	0	25	32	1	3	0	0	0	0	0	37	0.5%
38A (Hyde)	27	0	2	0	0	0	0	0	29	38	0	3	0	0	0	0	0	41	0.5%
39A (N Jackson)	3	0	1	0	2	0	0	0	6	4	0	1	0	3	0	0	0	9	0.1%
39B (S Jackson)	5	0	1	0	4	0	0	0	10	7	0	1	0	6	0	0	0	14	0.2%
40A (Jerauld)	14	0	9	1	2	0	0	0	26	20	0	13	2	3	0	0	0	38	0.5%
41A (Jones)	8	0	0	0	8	0	0	0	16	12	0	0	0	11	0	0	0	23	0.3%
42A (Kingsbury)	59	2	19	0	0	0	0	0	80	86	3	28	0	0	0	0	0	117	1.5%
43A (Lake)	66	3	13	7	0	0	0	0	89	96	4	19	11	0	0	0	0	131	1.7%
44A (Lincoln)	61	3	33	4	0	0	0	0	101	89	4	49	6	0	0	0	0	149	2.0%
45A (W Lyman)	35	1	6	2	4	0	0	0	48	49	1	9	3	6	0	0	0	67	0.9%
45B (E Lyman)	16	0	2	0	6	0	0	0	24	23	0	3	0	8	0	0	0	34	0.4%
45C (NE Lyman/SE Stanley)	3	0	1	0	4	0	0	0	8	4	0	1	0	6	0	0	0	11	0.1%
45D (Ft Pr Nat Grslind)	3	0	1	0	1	0	0	0	5	4	0	1	0	1	0	0	0	7	0.1%
46A (McCook)	38	1	13	1	0	0	0	0	53	56	1	19	2	0	0	0	0	78	1.0%
47A (McPherson)	17	2	10	6	0	0	0	0	35	25	3	15	9	0	0	0	0	51	0.7%
48A (Marshall)	39	1	6	0	0	0	0	0	46	56	1	9	0	0	0	0	0	66	0.9%
49A (W Meade)	57	0	31	2	12	0	3	0	105	83	0	46	3	17	0	5	0	153	2.0%
49B (NE Meade)	24	1	7	4	8	0	2	0	46	34	1	10	6	11	0	3	0	66	0.9%
50A,B (Mellette)	11	0	1	1	7	0	1	0	21	16	0	1	2	10	0	2	0	30	0.4%
51A (Miner)	35	0	11	0	0	0	0	0	46	50	0	16	0	0	0	0	0	67	0.9%
52A (Moody)	54	3	21	2	0	0	0	0	80	79	4	31	3	0	0	0	0	118	1.5%
53A (N Perkins)	9	0	4	0	19	1	2	1	36	13	0	6	0	27	1	3	2	52	0.7%
53C (S Perkins)	16	0	1	0	13	1	1	1	33	22	0	1	0	18	1	1	2	47	0.6%
54A (Potter)	22	0	7	0	3	0	0	0	32	32	0	10	0	4	0	0	0	46	0.6%
55A (Roberts)	54	1	8	0	1	0	0	0	64	78	1	12	0	1	0	0	0	93	1.2%
56A (Sanborn)	26	0	5	1	0	0	0	0	32	38	0	7	2	0	0	0	0	47	0.6%
57A (Spink)	67	2	14	1	1	0	0	0	85	96	3	21	2	1	0	0	0	122	1.6%
58A (Stanley)	25	0	3	0	23	0	1	0	52	35	0	4	0	33	0	2	0	75	1.0%
59A (W Sully)	15	1	3	0	24	4	2	0	49	22	1	4	0	34	6	3	0	70	0.9%
59B (E Sully)	10	0	4	0	1	0	0	0	15	14	0	6	0	1	0	0	0	22	0.3%
60A (Tripp)	34	2	23	0	10	0	0	0	69	48	3	33	0	14	0	0	0	99	1.3%
61A (Turner)	43	2	10	1	0	0	0	0	56	63	3	15							

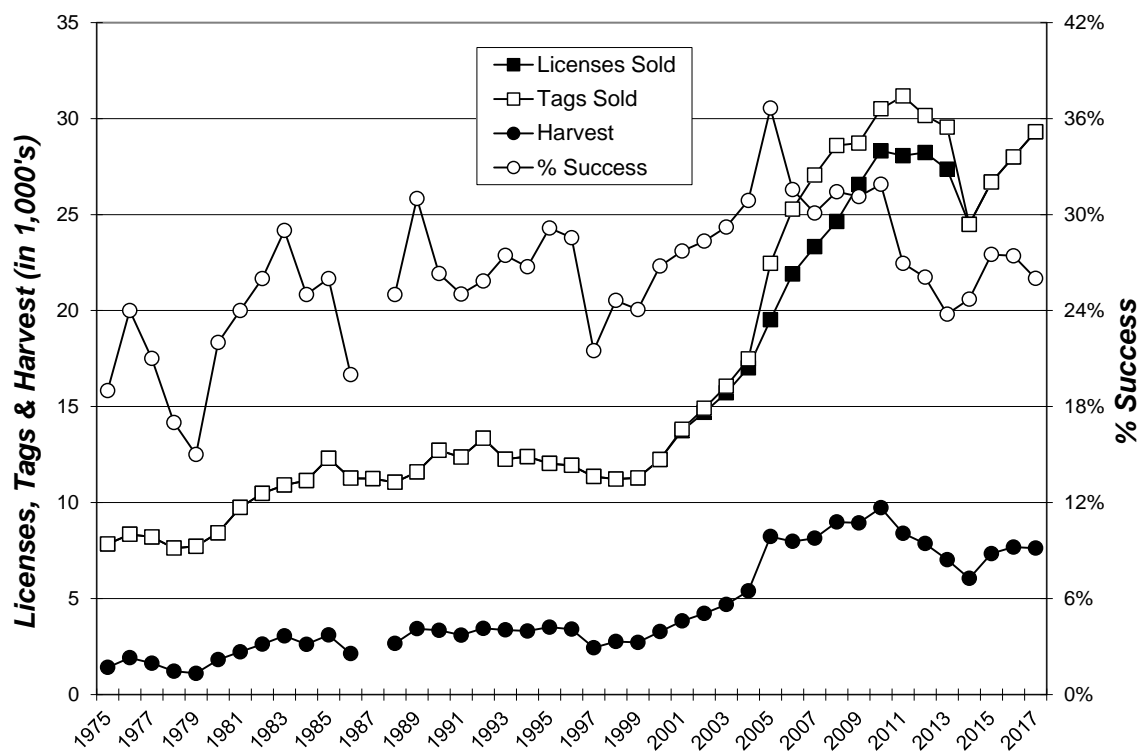
South Dakota Game Report No 2018-05 - 2017 Big Game Harvest Projections
Corey Huxoll

2017 Resident Archery Deer Harvest Dist by Management Unit																					
Last Revised: 03-May-18		Reported Harvest								Projected Harvest											
		Whitetail				Mule Deer				Whitetail					Mule Deer					Total	
		Bucks		Does		Bucks		Does		Bucks		Does		Bucks		Does					
		Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	%	
Unit																					
01A (Minnehaha)	154	9	69	5	1	0	0	0	238	227	13	103	8	1	0	0	0	352	5.7%		
02A (NE Penn/SE Meade)	22	0	13	2	8	0	0	0	45	32	0	19	3	12	0	0	0	66	1.1%		
02C (SE Pennington)	37	0	21	0	15	0	4	0	77	54	0	31	0	22	0	6	0	114	1.9%		
03A (Brown)	98	5	58	3	0	0	0	0	164	144	7	86	5	0	0	0	0	243	4.0%		
04A (Beadle)	62	2	28	3	0	0	0	0	95	91	3	42	5	0	0	0	0	140	2.3%		
05A (Codington)	95	1	26	0	0	0	0	0	122	140	1	39	0	0	0	0	0	180	2.9%		
06A (Brookings)	92	8	45	2	0	0	0	0	147	135	12	67	3	0	0	0	0	217	3.5%		
07A (Yankton)	89	3	33	1	0	0	0	0	126	131	4	49	2	0	0	0	0	186	3.0%		
08A (Davison)	32	0	5	0	0	0	0	0	37	47	0	7	0	0	0	0	0	55	0.9%		
10A (Aurora)	19	1	9	1	0	0	0	0	30	28	1	13	2	0	0	0	0	44	0.7%		
11A (N Bennett)	3	0	1	0	0	0	0	0	4	4	0	1	0	0	0	0	0	6	0.1%		
11B (S Bennett)	3	0	2	0	0	0	0	0	5	4	0	3	0	0	0	0	0	7	0.1%		
12A (Bon Homme)	32	0	11	0	1	0	0	0	44	47	0	16	0	1	0	0	0	65	1.1%		
13A (Brule)	28	1	1	0	7	0	0	0	37	41	1	1	0	10	0	0	0	55	0.9%		
13L (Brule GPA Corps)	2	0	0	0	2	0	0	0	4	3	0	0	0	3	0	0	0	6	0.1%		
14A (Buffalo)	3	1	0	0	2	0	0	0	6	4	1	0	0	3	0	0	0	9	0.1%		
15A (Butte)	22	0	20	2	19	2	2	0	67	32	0	30	3	28	3	3	0	99	1.6%		
15B (SW Butte/Lawrence)	52	1	17	2	7	0	1	0	80	77	1	25	3	10	0	2	0	118	1.9%		
16A (Campbell)	8	0	3	0	2	0	0	0	13	12	0	4	0	3	0	0	0	19	0.3%		
17A (Charles Mix)	34	1	2	0	5	1	1	0	44	50	1	3	0	7	1	2	0	65	1.1%		
18A (Clark)	50	0	8	1	0	0	0	0	59	74	0	12	2	0	0	0	0	87	1.4%		
19A (Clay)	43	1	8	0	0	0	0	0	52	63	1	12	0	0	0	0	0	77	1.3%		
20A (Corson)	2	0	0	0	6	0	1	0	9	3	0	0	0	9	0	2	0	13	0.2%		
21A (E Custer/S Penn)	27	2	9	0	17	0	1	0	56	40	3	13	0	25	0	2	0	83	1.3%		
21B (C Custer/C Penn)	14	0	3	0	8	0	1	0	26	21	0	4	0	12	0	2	0	38	0.6%		
22A (Day)	49	0	7	2	0	0	0	0	58	72	0	10	3	0	0	0	0	86	1.4%		
23A (Deuel)	31	4	7	0	0	0	0	0	42	46	6	10	0	0	0	0	0	62	1.0%		
24A (Dewey)	2	0	1	0	0	0	0	0	3	3	0	1	0	0	0	0	0	4	0.1%		
24B (Little Moreau)	2	0	2	0	0	0	0	0	4	3	0	3	0	0	0	0	0	6	0.1%		
25A (Douglas)	13	1	0	0	0	0	0	0	14	19	1	0	0	0	0	0	0	21	0.3%		
26A (Edmunds)	27	1	14	2	0	0	0	0	44	40	1	21	3	0	0	0	0	65	1.1%		
27A (NW FRiver/SW Cust)	6	0	3	0	11	0	3	0	23	9	0	4	0	16	0	5	0	34	0.6%		
27B (Fall River)	8	0	11	0	21	0	3	0	43	12	0	16	0	31	0	5	0	64	1.0%		
27L (Hill Ranch Area)	1	1	1	0	0	0	0	0	3	1	1	1	0	0	0	0	0	4	0.1%		
28A (Faulk)	22	2	13	2	0	0	0	0	39	32	3	19	3	0	0	0	0	58	0.9%		
29A (Grant)	47	0	17	1	0	0	0	0	65	69	0	25	2	0	0	0	0	96	1.6%		
30A,B (Gregory)	36	1	17	0	6	0	1	0	61	53	1	25	0	9	0	2	0	90	1.5%		
31A (Haakon)	21	0	6	0	11	1	0	0	39	31	0	9	0	16	1	0	0	57	0.9%		
32A (Hamlin)	57	4	9	1	0	0	0	0	71	84	6	13	2	0	0	0	0	105	1.7%		
33A (Hand)	46	2	10	2	1	0	0	0	61	68	3	15	3	1	0	0	0	90	1.5%		
34A (Hanson)	22	0	2	0	0	0	0	0	24	32	0	3	0	0	0	0	0	35	0.6%		
35A (W Harding)	14	0	13	0	24	0	5	0	56	21	0	19	0	35	0	8	0	83	1.4%		
35C (E Harding)	3	0	1	0	16	0	1	0	21	4	0	1	0	24	0	2	0	31	0.5%		
35L (Custer Nat Forest)	4	0	0	0	18	0	2	0	24	6	0	0	0	26	0	3	0	36	0.6%		
36A (Hughes)	27	2	7	0	7	0	1	0	44	40	3	10	0	10	0	2	0	65	1.1%		
37A (Hutchinson)	21	1	2	0	0	0	0	0	24	31	1	3	0	0	0	0	0	35	0.6%		
38A (Hyde)	12	0	2	0	0	0	0	0	14	18	0	3	0	0	0	0	0	21	0.3%		
39A (N Jackson)	3	0	1	0	2	0	0	0	6	4	0	1	0	3	0	0	0	9	0.1%		
39B (S Jackson)	2	0	1	0	3	0	0	0	6	3	0	1	0	4	0	0	0	9	0.1%		
40A (Jerauld)	13	0	9	1	2	0	0	0	25	19	0	13	2	3	0	0	0	37	0.6%		
41A (Jones)	6	0	0	0	3	0	0	0	9	9	0	0	0	4	0	0	0	13	0.2%		
42A (Kingsbury)	53	2	16	0	0	0	0	0	71	78	3	24	0	0	0	0	0	105	1.7%		
43A (Lake)	59	3	13	7	0	0	0	0	82	87	4	19	11	0	0	0	0	121	2.0%		
44A (Lincoln)	58	3	33	4	0	0	0	0	98	85	4	49	6	0	0	0	0	145	2.4%		
45A (W Lyman)	12	1	5	2	1	0	0	0	21	18	1	7	3	1	0	0	0	31	0.5%		
45B (E Lyman)	10	0	2	0	2	0	0	0	14	15	0	3	0	3	0	0	0	21	0.3%		
45C (NE Lyman/SE Stanley)	2	0	1	0	2	0	0	0	5	3	0	1	0	3	0	0	0	7	0.1%		
45D (Ft Pr Nat Grsind)	3	0	1	0	1	0	0	0	5	4	0	1	0	1	0	0	0	7	0.1%		
46A (McCook)	37	1	12	1	0	0	0	0	51	54	1	18	2	0	0	0	0	75	1.2%		
47A (McPherson)	14	2	8	6	0	0	0	0	30	21	3	12	9	0	0	0	0	45	0.7%		
48A (Marshall)	28	1	6	0	0	0	0	0	35	41	1	9	0	0	0	0	0	52	0.8%		
49A (W Meade)	48	0	26	1	8	0	3	0	86	71	0	39	2	12	0	5	0	127	2.1%		
49B (NE Meade)	15	1	6	3	5	0	2	0	32	22	1	9	5	7	0	3	0	48	0.8%		
50A,B (Mellette)	6	0	0	1	3	0	1	0	11	9	0	0	2	4	0	2	0	16	0.3%		
51A (Miner)	26	0	11	0	0	0	0	0	37	38	0	16	0	0	0	0	0	55	0.9%		
52A (Moody)	53	2	21	1	0	0	0	0	77	78	3	31	2	0	0	0	0	114	1.9%		
53A (N Perkins)	5	0	4	0	9	0	1	1	20	7	0	6	0	13	0	2	2	30	0.5%		
53C (S Perkins)	6	0	1	0	6	1	0	1	15	9	0	1	0	9	1	0	2	23	0.4%		
54A (Potter)	16	0	5	0	3	0	0	0	24	24	0	7	0	4	0	0	0	35	0.6%		
55A (Roberts)	43	1	8	0	1	0	0	0	53	63	1	12	0	1	0	0	0	78	1.3%		
56A (Sanborn)	25	0	4	1	0	0	0	0	30	37	0	6	2	0	0	0	0	44	0.7%		
57A (Spink)	46	2	12	1	1	0	0	0	62	68	3	18	2	1	0	0	0	92	1.5%		
58A (Stanley)	15	0	3	0	17	0	1	0	36	22	0	4	0	25	0	2	0	53	0.9%		
59A (W Sully)	11	1	3	0	15	1	1	0	32	16	1	4	0	22	1	2	0	47	0.8%		
59B (E Sully)	8	0	4	0	1	0	0	0	13	12	0	6	0	1	0	0	0	19	0.3%		
60A (Tripp)	19	1	15	0	7	0	0	0	42	28	1	22	0	10	0	0	0	62	1.0%		
61A (

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2017 Nonresident Archery Deer Harvest Dist by Management Unit																				
Unit	Reported Harvest									Projected Harvest										
	Whitetail				Mule Deer					Whitetail				Mule Deer					Total	
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does				
Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		
01A (Minnehaha)	3	0	2	0	0	0	0	0	5	4	0	3	0	0	0	0	0	7		
02A (NE Penn/SE Meade)	11	0	0	0	18	0	0	0	29	15	0	0	0	24	0	0	0	39		
02C (SE Pennington)	1	0	0	1	9	0	1	0	12	1	0	0	1	12	0	1	0	16		
03A (Brown)	36	1	5	0	0	0	0	0	42	48	1	7	0	0	0	0	0	56		
04A (Beadle)	13	0	0	0	1	0	0	0	14	17	0	0	0	1	0	0	0	19		
05A (Codington)	4	0	1	0	1	0	0	0	6	5	0	1	0	1	0	0	0	8		
06A (Brookings)	1	0	6	0	0	0	0	0	7	1	0	8	0	0	0	0	0	10		
07A (Yankton)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4		
08A (Davison)	2	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	3		
10A (Aurora)	10	0	1	1	0	0	0	0	12	13	0	1	1	0	0	0	0	16		
11A (N Bennett)	2	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	3		
11B (S Bennett)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4		
12A (Bon Homme)	5	0	0	0	0	0	0	0	5	7	0	0	0	0	0	0	0	7		
13A (Brule)	7	0	1	0	1	0	2	0	11	9	0	1	0	1	0	3	0	15		
13L (Brule GPA Corps)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
14A (Buffalo)	4	0	0	0	4	0	0	0	8	5	0	0	0	5	0	0	0	11		
15A (Butte)	12	0	7	0	25	0	5	0	49	16	0	10	0	34	0	6	0	66		
15B (SW Butte/Lawrence)	13	0	3	0	0	0	0	0	16	17	0	4	0	0	0	0	0	22		
16A (Campbell)	6	0	0	0	1	0	0	0	7	8	0	0	0	1	0	0	0	9		
17A (Charles Mix)	5	0	1	0	7	0	1	0	14	7	0	1	0	9	0	1	0	19		
18A (Clark)	12	0	0	0	0	0	0	0	12	16	0	0	0	0	0	0	0	16		
19A (Clay)	2	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	3		
20A (Corson)	2	1	0	0	3	0	0	0	6	3	1	0	0	4	0	0	0	8		
21A (E Custer/S Penn)	3	0	1	0	2	0	0	0	6	4	0	1	0	3	0	0	0	8		
21B (C Custer/C Penn)	0	0	2	0	2	0	0	0	4	0	0	3	0	3	0	0	0	5		
22A (Day)	14	0	0	0	0	0	0	0	14	19	0	0	0	0	0	0	0	19		
23A (Deuel)	1	0	2	0	0	0	0	0	3	1	0	3	0	0	0	0	0	4		
24A (Dewey)	4	0	0	0	0	0	0	0	4	5	0	0	0	0	0	0	0	5		
24B (Little Moreau)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4		
25A (Douglas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
26A (Edmunds)	8	0	1	1	2	0	0	0	12	11	0	1	1	3	0	0	0	16		
27A (NW FRiver/SW Cust)	0	0	1	0	7	0	0	0	8	0	0	1	0	9	0	0	0	11		
27B (Fall River)	0	0	1	0	9	0	1	0	11	0	0	1	0	12	0	1	0	15		
27L (Hill Ranch Area)	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	1		
28A (Faulk)	13	0	0	0	0	0	0	0	13	17	0	0	0	0	0	0	0	17		
29A (Grant)	8	1	1	0	0	0	0	0	10	11	1	1	0	0	0	0	0	13		
30A,B (Gregory)	37	2	12	0	3	0	1	0	55	50	3	16	0	4	0	1	0	74		
31A (Haakon)	10	0	0	0	8	0	0	0	18	13	0	0	0	11	0	0	0	24		
32A (Hamlin)	4	0	2	0	0	0	0	0	6	5	0	3	0	0	0	0	0	8		
33A (Hand)	11	0	3	0	0	0	0	0	14	15	0	4	0	0	0	0	0	19		
34A (Hanson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
35A (W Harding)	20	0	1	0	48	0	6	0	75	27	0	1	0	65	0	8	0	101		
35C (E Harding)	4	0	2	0	16	1	2	1	26	5	0	3	0	22	1	3	1	35		
35L (Custer Nat Forest)	8	1	3	0	29	1	7	1	50	11	1	4	0	39	1	9	1	67		
36A (Hughes)	12	0	0	0	4	1	0	0	17	16	0	0	0	5	1	0	0	23		
37A (Hutchinson)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1		
38A (Hyde)	15	0	0	0	0	0	0	0	15	20	0	0	0	0	0	0	0	20		
39A (N Jackson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
39B (S Jackson)	3	0	0	0	1	0	0	0	4	4	0	0	0	1	0	0	0	5		
40A (Jerauld)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1		
41A (Jones)	2	0	0	0	5	0	0	0	7	3	0	0	0	7	0	0	0	9		
42A (Kingsbury)	6	0	3	0	0	0	0	0	9	8	0	4	0	0	0	0	0	12		
43A (Lake)	7	0	0	0	0	0	0	0	7	9	0	0	0	0	0	0	0	9		
44A (Lincoln)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4		
45A (W Lyman)	23	0	1	0	3	0	0	0	27	31	0	1	0	4	0	0	0	36		
45B (E Lyman)	6	0	0	0	4	0	0	0	10	8	0	0	0	5	0	0	0	13		
45C (NE Lyman/SE Stanley)	1	0	0	0	2	0	0	0	3	1	0	0	0	3	0	0	0	4		
45D (Ft Pr Nat Grslind)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
46A (McCook)	1	0	1	0	0	0	0	0	2	1	0	1	0	0	0	0	0	3		
47A (McPherson)	3	0	2	0	0	0	0	0	5	4	0	3	0	0	0	0	0	7		
48A (Marshall)	11	0	0	0	0	0	0	0	11	15	0	0	0	0	0	0	0	15		
49A (W Meade)	9	0	5	1	4	0	0	0	19	12	0	7	1	5	0	0	0	26		
49B (NE Meade)	9	0	1	1	3	0	0	0	14	12	0	1	1	4	0	0	0	19		
50A,B (Melleite)	5	0	1	0	4	0	0	0	10	7	0	1	0	5	0	0	0	13		
51A (Miner)	9	0	0	0	0	0	0	0	9	12	0	0	0	0	0	0	0	12		
52A (Moody)	1	1	0	1	0	0	0	0	3	1	1	0	1	0	0	0	0	4		
53A (N Perkins)	4	0	0	0	10	1	1	0	16	5	0	0	0	13	1	1	0	22		
53C (S Perkins)	10	0	0	0	7	0	1	0	18	13	0	0	0	9	0	1	0	24		
54A (Potter)	6	0	2	0	0	0	0	0	8	8	0	3	0	0	0	0	0	11		
55A (Roberts)	11	0	0	0	0	0	0	0	11	15	0	0	0	0	0	0	0	15		
56A (Sanborn)	1	0	1	0	0	0	0	0	2	1	0	1	0	0	0	0	0	3		
57A (Spink)	21	0	2	0	0	0	0	0	23	28	0	3	0	0	0	0	0	31		
58A (Stanley)	10	0	0	0	6	0	0	0	16	13	0	0	0	8	0	0	0	22		
59A (W Sully)	4	0	0	0	9	3	1	0	17	5	0	0	0	12	4	1	0	23		
59B (E Sully)	2	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	3		
60A (Tripp)	15	1	8	0	3	0	0	0	27	20	1	11	0	4	0	0	0	36		
61A (Turner)	1	0	1	0	0	0	0	0	2	1	0	1	0	0	0	0	0	3		
62A (Union)	13	0	3	0	0	0	0	0	16	17	0	4	0	0	0	0	0	22		
63A (Walworth)	8	0	0	0	1	0	0	0	9	11	0	0	0	1	0	0	0	12		
64A (Ziebach)	1	0	0	0	4	0	0	0	5	1	0	0	0	5	0	0	0	7		
65A (Oglala Lakota)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
67A (Todd)	5	0	1	0	0	0	0	0	6	7	0	1	0	0	0	0	0	8		
BH (Black Hills)	75	2	37	2	25	0	10	0	151	101	3	51	3	34	0	13	0	203		
Unknown	28	0	9	0	17	1	0	0	55											
TOTALS	648	1																		

Archery Deer 1975-2017



YOUTH DEER

There were 5,325 single-tag antlerless licenses issued for the 2017 Youth Deer hunting season (4,706 resident, 619 nonresident). All license holders were surveyed and 3,754 responses (71%) were received. Approximately 58% of hunters responded through the Internet.

The Youth season ran from September 9, 2017 through January 15, 2018. Respondents reported hunting an average of 4.17 days each, which projected to 22,227 recreation days for the season.

Projections for the season indicated that 292 whitetail bucks, 2,072 whitetail does, 35 mule deer bucks, and 426 mule deer does were harvested. The estimated total harvest for the Youth Deer season was 2,825, and the overall success rate was 53%. The five deer management units with the highest reported harvest were the Black Hills, Minnehaha, Brown, Butte, and Roberts, which accounted for 25% of the total youth season harvest.

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 5.65.

Comparison of the 2009 - 2017 Youth Deer hunting seasons

YEAR	Licenses Sold	Harvest						Avg Days Hunted	Average Satisfctn
		Bucks		Does		Total	Success		
		WT	Mule	WT	Mule				
2009	6,847	387	66	2,391	491	3,336	49%	5.72	5.22
2010	7,261	414	46	2,790	457	3,708	51%	5.72	5.38
2011	7,033	339	43	2,349	322	3,053	43%	5.58	5.02
2012	6,110	321	33	2,387	305	3,046	50%	4.87	5.32
2013	5,548	346	32	1,756	344	2,477	45%	4.64	5.23
2014	5,038	317	37	1,924	287	2,565	51%	4.61	5.47
2015	5,331	329	33	2,137	333	2,831	53%	4.54	5.59
2016	4,861	322	29	1,896	324	2,571	53%	4.15	5.65
2017	5,325	292	35	2,072	426	2,825	53%	4.17	5.65

2017 Youth Deer Harvest Projections

Last Revised:		Harvest Projections													Average	Avg
1-May-18		Licenses	Licenses Sold			Response	Tag	Whitetail			Mule Deer			Total	Satisfaction	Days
Unit	License Holders	Licenses Available	Resident	Nonresident	Tags Sold	Rate	Success	Bucks	Does	Doe Fawns	Bucks	Does	Doe Fawns	Harvest	Score **	Hunted
Statewide no Access permit	5,276	Unlimited	4,665	611	5,276	71%	53%	287	1,817	236	31	378	40	2,789	5.64	4.19
Statewide w/ Access permit	49	Unlimited	41	8	49	88%	72%	5	16	3	3	8	0	35	6.44	2.23
Totals	5,325		4,706	619	5,325	71.2%	53%	292	1,833	239	35	386	40	2,825	5.65	4.17
** Refers to a satisfaction scale of 1=very dissatisfied to 7=very satisfied																

** Refers to a satisfaction scale of 1=very dissatisfied to 7=very satisfied.

2017 Access Permit Youth Deer Harvest Projections

Last Revised: 1-May-18																			Average Satisfaction		Avg Days
Unit	Permit Holders	Licenses Available	Permits Issued		Issued	Projected Hunted	Response Rate	Hunter Success	Tag Success	Harvest Projections						Total Harvest	Score **	Hunted			
			Resident	Nonresident						Whitetail			Mule Deer								
										Bucks	Does	Doe Fawns	Bucks	Does	Doe Fawns						
Brule Cty GPA Corps / 13L	12	Unlimited	12	0	12	4	92%	50%	18%	0	1	0	1	0	0	2	6.00	2.00			
Custer Nat Forest / 35L	23	Unlimited	19	4	23	10	87%	44%	20%	0	1	0	1	2	0	5	6.67	2.00			
Hill Ranch GPA / 27L	12	Unlimited	11	1	12	7	75%	40%	22%	0	0	1	1	0	0	3	6.60	2.80			
Little Moreau GPA / 24B	10	Unlimited	7	3	10	6	100%	33%	20%	0	2	0	0	0	0	2	6.83	2.33			
	49		49	8	57	27	87.8%	41.7%	20%	0	4	1	4	2	0	11	6.58	2.27			
6 hunters in the regular Youth Survey who did not have an Access Permit reported harvesting deer in the Custer National Forest unit																					

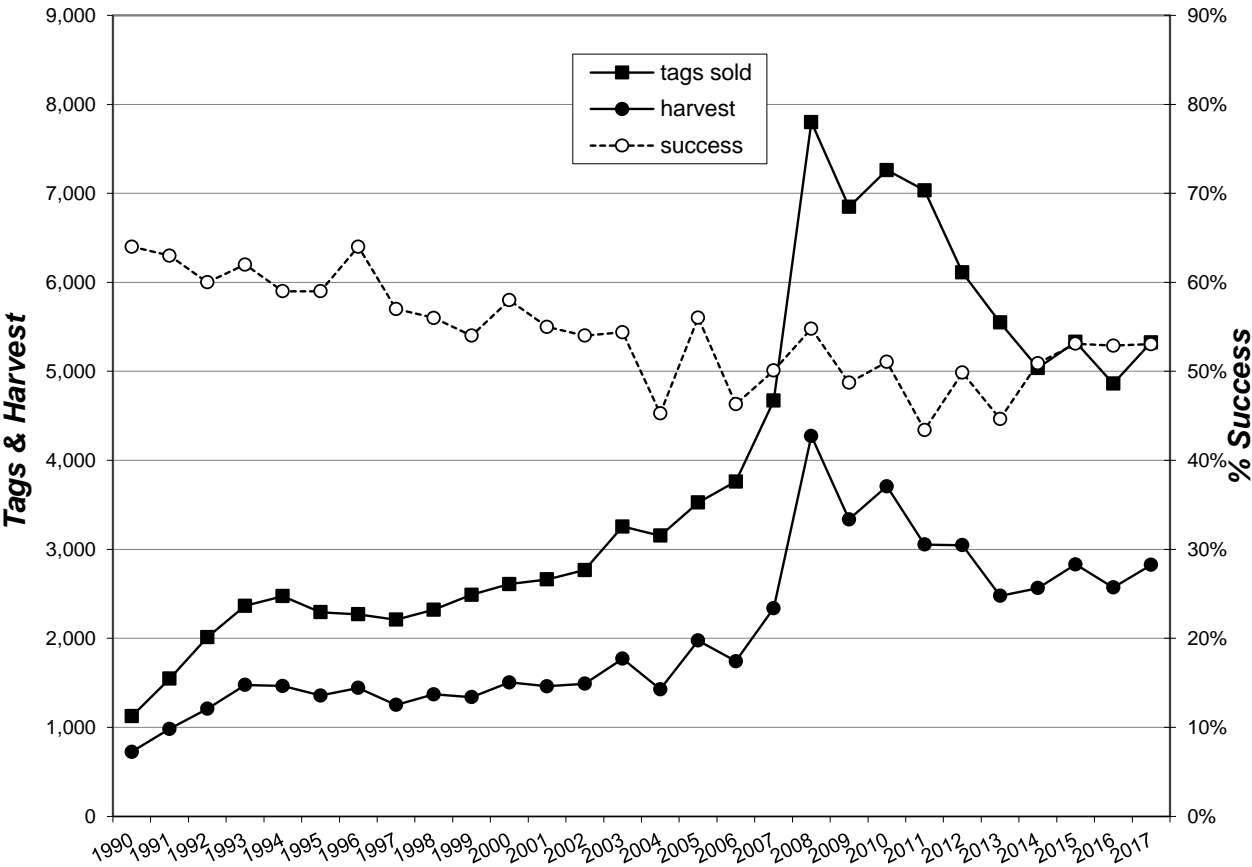
6 hunters in the regular Youth Survey who did not have an Access Permit reported harvesting deer in the Custer National Forest unit.

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Corey Huxoll

2017 Youth Deer Harvest Distribution by Management Unit															
Last Revised: 23-May-18		Reported Harvest						Projected Harvest							
		Whitetail			Mule Deer			Whitetail			Mule Deer			Total	
		Bucks		Does	Bucks		Does	Bucks		Does	Bucks		Does		
		Fawn	Adult	Fawn	Fawn	Adult	Fawn	Fawn	Adult	Fawn	Fawn	Adult	Fawn	Estimate	%
Unit							Total								
01A (Minnehaha)	9	32	9	0	0	0	50	13	47	13	0	0	0	73	2.6%
02A (NE Penn/SE Meade)	0	11	3	0	9	0	23	0	16	4	0	13	0	34	1.2%
02C (SE Pennington)	1	10	1	1	4	0	17	1	15	1	1	6	0	25	0.9%
03A (Brown)	12	41	5	1	1	0	60	18	60	7	1	1	0	88	3.1%
04A (Beadle)	3	18	3	0	0	0	24	4	26	4	0	0	0	35	1.2%
05A (Codington)	6	33	5	0	1	0	45	9	48	7	0	1	0	66	2.3%
06A (Brookings)	3	32	7	0	0	0	42	4	47	10	0	0	0	61	2.2%
07A (Yankton)	6	35	4	0	0	0	45	9	51	6	0	0	0	66	2.3%
08A (Davison)	0	1	1	0	0	0	2	0	1	1	0	0	0	3	0.1%
10A (Aurora)	3	16	0	0	0	0	19	4	23	0	0	0	0	28	1.0%
11A (N Bennett)	1	4	0	0	2	0	7	1	6	0	0	3	0	10	0.4%
11B (S Bennett)	0	1	0	0	2	0	3	0	1	0	0	3	0	4	0.2%
12A (Bon Homme)	2	18	0	0	2	0	22	3	26	0	0	3	0	32	1.1%
13A (Brule)	1	11	0	0	3	0	15	1	16	0	0	4	0	22	0.8%
13L (Brule GPA's/Corps)	0	1	0	1	0	0	2	0	1	0	1	0	0	3	0.1%
14A (Buffalo)	1	3	0	0	0	0	4	1	4	0	0	0	0	6	0.2%
15A (Butte)	4	17	6	2	21	1	51	6	25	9	3	31	1	75	2.6%
15B (SW Butte/Lawrence)	0	18	1	0	1	2	22	0	26	1	0	1	3	32	1.1%
16A (Campbell)	1	6	0	0	1	2	10	1	9	0	0	1	3	15	0.5%
17A (Charles Mix)	2	14	2	1	3	0	22	3	20	3	1	4	0	32	1.1%
18A (Clark)	2	20	4	0	0	0	26	3	29	6	0	0	0	38	1.3%
19A (Clay)	3	8	0	0	0	0	11	4	12	0	0	0	0	16	0.6%
20A (Corson)	1	5	0	1	6	1	14	1	7	0	1	9	1	20	0.7%
21A (E Custer/S Penn)	1	17	3	1	6	0	28	1	25	4	1	9	0	41	1.4%
21B (C Custer/C Penn)	0	10	0	0	1	0	11	0	15	0	0	1	0	16	0.6%
22A (Day)	5	31	5	0	0	0	41	7	45	7	0	0	0	60	2.1%
23A (Deuel)	3	30	4	0	0	0	37	4	44	6	0	0	0	54	1.9%
24A (Dewey)	0	5	0	1	3	0	9	0	7	0	1	4	0	13	0.5%
24B (Little Moreau)	0	2	0	0	0	0	2	0	3	0	0	0	0	3	0.1%
25A (Douglas)	0	9	3	0	0	0	12	0	13	4	0	0	0	18	0.6%
26A (Edmunds)	2	12	1	0	0	0	15	3	18	1	0	0	0	22	0.8%
27A (NW FRiver/SW Cust)	0	3	0	0	2	0	5	0	4	0	0	3	0	7	0.3%
27B (Fall River)	1	6	0	0	9	1	17	1	9	0	0	13	1	25	0.9%
27L (Hill Ranch Area)	0	0	1	1	0	0	2	0	0	1	1	0	0	3	0.1%
28A (Faulk)	2	6	0	0	0	0	8	3	9	0	0	0	0	12	0.4%
29A (Grant)	3	35	10	0	0	0	48	4	51	15	0	0	0	70	2.5%
30A,B (Gregory)	3	28	2	2	2	0	37	4	41	3	3	3	0	54	1.9%
31A (Haakon)	0	8	0	0	7	2	17	0	12	0	0	10	3	25	0.9%
32A (Hamlin)	9	28	4	1	0	0	42	13	41	6	1	0	0	61	2.2%
33A (Hand)	1	24	0	0	2	0	27	1	35	0	0	3	0	39	1.4%
34A (Hanson)	2	12	3	0	0	0	17	3	18	4	0	0	0	25	0.9%
35A (W Harding)	1	3	0	0	12	0	16	1	4	0	0	18	0	24	0.8%
35C (E Harding)	0	1	0	2	6	1	10	0	1	0	3	9	1	14	0.5%
35L (Custer Nat Forest)	1	4	1	1	3	0	10	1	6	1	1	4	0	15	0.5%
36A (Hughes)	2	3	1	1	8	2	17	3	4	1	1	12	3	25	0.9%
37A (Hutchinson)	1	19	3	0	0	0	23	1	28	4	0	0	0	34	1.2%
38A (Hyde)	0	8	1	0	0	0	9	0	12	1	0	0	0	13	0.5%
39A (N Jackson)	0	4	0	0	1	1	6	0	6	0	0	1	1	9	0.3%
39B (S Jackson)	0	1	0	0	2	0	3	0	1	0	0	3	0	4	0.2%
40A (Jerauld)	1	11	0	0	0	0	12	1	16	0	0	0	0	18	0.6%
41A (Jones)	0	2	1	0	0	0	3	0	3	1	0	0	0	4	0.2%
42A (Kingsbury)	2	24	2	0	0	1	29	3	35	3	0	0	1	42	1.5%
43A (Lake)	7	27	3	0	0	0	37	10	39	4	0	0	0	54	1.9%
44A (Lincoln)	9	19	2	0	0	0	30	13	28	3	0	0	0	44	1.6%
45A (W Lyman)	2	7	2	1	6	2	20	3	10	3	1	9	3	29	1.0%
45B (E Lyman)	0	5	0	0	3	0	8	0	7	0	0	4	0	12	0.4%
45C (NE Lyman/SE Stanley)	0	3	0	0	0	0	3	0	4	0	0	0	0	4	0.2%
45D (Ft Pr Nat Grslnd)	0	2	0	0	2	1	5	0	3	0	0	3	1	7	0.3%
46A (McCook)	6	24	3	0	0	0	33	9	35	4	0	0	0	48	1.7%
47A (McPherson)	0	9	3	0	0	0	12	0	13	4	0	0	0	18	0.6%
48A (Marshall)	5	20	0	0	0	0	25	7	29	0	0	0	0	37	1.3%
49A (W Meade)	4	17	3	1	8	1	34	6	25	4	1	12	1	50	1.8%
49B (NE Meade)	2	6	1	0	11	2	22	3	9	1	0	16	3	32	1.1%
50A,B (Melleette)	0	7	2	0	9	1	19	0	10	3	0	13	1	28	1.0%
51A (Miner)	3	16	2	0	0	0	21	4	23	3	0	0	0	31	1.1%
52A (Moody)	4	24	1	0	0	0	29	6	35	1	0	0	0	42	1.5%
53A (N Perkins)	2	5	1	0	17	2	27	3	7	1	0	25	3	40	1.4%
53C (S Perkins)	0	9	1	1	12	1	24	0	13	1	1	18	1	35	1.2%
54A (Potter)	2	3	2	0	4	0	11	3	4	3	0	6	0	16	0.6%
55A (Roberts)	7	38	5	0	0	1	51	10	55	7	0	0	1	75	2.6%
56A (Sanborn)	1	9	1	0	0	0	11	1	13	1	0	0	0	16	0.6%
57A (Spink)	7	34	1	0	0	0	42	10	50	1	0	0	0	61	2.2%
58A (Stanley)	0	6	0	1	8	1	16	0	9	0	1	12	1	23	0.8%
59A (W Sully)	0	7	0	1	10	0	18	0	10	0	1	15	0	26	0.9%
59B (E Sully)	0	5	0	0	0	0	5	0	7	0	0	0	0	7	0.3%
60A (Tripp)	5	23	3	0	9	0	40	7	34	4	0	13	0	59	2.1%
61A (Turner)	5	13	3	0	1	0	22	7	19	4	0	1	0	32	1.1%
62A (Union)	5	23	1	0	0	0	29	7	34	1	0	0	0	42	1.5%
63A (Walworth)	2	3	2	1	6	1	15	3	4	3	1	9	1	22	0.8%
64A (Ziebach)	0	1	0	0	3	0	4	0	1	0	0	4	0	6	0.2%
65A (Oglala Lakota)	0	1	0	0	1	0	2	0	1	0	0	1	0	3	0.1%
67A (Todd)	0	2	1	0	0	0	3	0	3	1	0	0	0	4	0.2%
BH (Black Hills)	19	187	24	2	32	1	265	28	273	35	3	47	1	388	13.7%
Unknown	8	36	6	0	11	0	61								
TOTALS	206	1,292	169	25	273	28	1,993	292	1,833	239	35	386	40	2,825	
Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units. Use these figures for approximations only!															

Youth Deer 1990-2017



MENTORED YOUTH DEER

There were 4,069 resident single-tag antlerless mentored youth deer licenses issued for 2017. All mentors/hunters were surveyed and 3,007 responses (74%) were received. Approximately 66% of mentors/hunters used the Internet to respond.

The Mentored Youth licenses were valid during the Youth Deer season which ran from September 9, 2017 through January 15, 2018. Respondents reported hunting an average of 3.78 days each, which projected to 15,389 recreation days for the season.

Projections for the season indicated that a total of 230 whitetail bucks, 1,577 whitetail does, 31 mule deer bucks, and 320 mule deer does were harvested. The total harvest for the Mentored Youth Deer season was 2,147, and the overall success rate was 53%. The six deer management units with the highest reported harvest were the Black Hills, Minnehaha, Brown, Clark, W Meade, and Hamlin.

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 5.83.

Summary for the 2009-2017 Mentored Youth Deer hunting seasons

YEAR	Licenses Sold	Harvest						Avg Days Hunted	Average Satisfctn
		Bucks		Does		Total	Success		
		WT	Mule	WT	Mule				
2009	1,627	132	16	624	164	936	58%	4.02	5.78
2010	2,174	128	17	947	152	1,244	57%	3.72	5.94
2011	2,335	143	14	872	171	1,200	51%	4.16	5.70
2012	2,497	207	28	1,015	182	1,431	57%	3.77	5.78
2013	2,939	179	14	1,028	154	1,375	47%	3.87	5.57
2014	3,096	214	29	1,187	167	1,595	52%	3.98	5.70
2015	3,646	261	25	1,556	243	2,086	57%	3.96	5.89
2016	3,646	287	30	1,495	301	2,114	58%	3.56	5.85
2017	4,069	230	31	1,567	320	2,147	53%	3.78	5.83

2017 Mentored Youth Deer Harvest Projections

Last Revised: 2-May-18

Unit	License Holders	Licenses Available	Licenses Sold		Tags Sold	Response Rate	Tag Success	Harvest Projections						Total Harvest	Average Satisfaction Score **	Avg Days Hunted
			Resident	Nonresident				Whitetail			Mule Deer					
								Bucks	Does	Doe Fawns	Bucks	Does	Doe Fawns			
Statewide no Access permit	4,042	Unlimited	4,042	0	4,042	74%	53%	226	1,337	220	31	291	26	2,131	5.83	3.79
Statewide w/ Access permit	27	Unlimited	27	0	27	89%	58%	3	8	2	0	2	0	16	5.95	2.79
Totals	4,069		4,069	0	4,069	74.2%	53%	230	1,345	222	31	294	26	2,147	5.83	3.78

** Refers to a satisfaction scale of 1=very dissatisfied to 7=very satisfied.

** Refers to a satisfaction scale of 1=very dissatisfied to 7=very satisfied.

2017 Access Permit Mentored Youth Deer Harvest Projections

Last Revised: 2-May-18																		
Unit	Permit Holders	Licenses Available	Permits Issued			Projected Hunted	Response Rate	Hunter Success	Tag Success	Harvest Projections						Total Harvest	Average Satisfaction Score **	Avg Days Hunted
			Resident	Nonresident	Issued					Whitetail		Mule Deer		Total				
										Bucks	Does	Doe Fawns	Bucks		Does			
Brule Cty GPA Corps / 13L	9	Unlimited	9	0	9	3	89%	0%	0%	0	0	0	0	0	0	0	6.00	1.67
Custer Nat Forest / 35L	14	Unlimited	14	0	14	1	86%	0%	0%	0	0	0	0	0	0	0	6.00	2.00
Hill Ranch GPA / 27L	6	Unlimited	6	0	6	2	100%	100%	33%	1	1	0	0	0	0	2	7.00	1.50
Little Moreau GPA / 24B	7	Unlimited	7	0	7	1	100%	0%	0%	0	0	0	0	0	0	0	7.00	2.00
	27		36	0	36	8	88.9%	28.6%	6%	1	1	0	0	0	0	2	6.40	1.72
2 hunters in the regular Mentored Youth Survey who did not have an Antler Permit reported harvesting deer in the Hill Ranch unit.																		

2 hunters in the regular Mentored Youth Survey who did not have an Access Permit reported harvesting deer in the Hill Ranch unit.

South Dakota Game Report No 2018-05 - 2017 Big Game Harvest Projections
Corey Huxoll

2017 Mentored Youth Deer Harvest Distribution by Management Unit

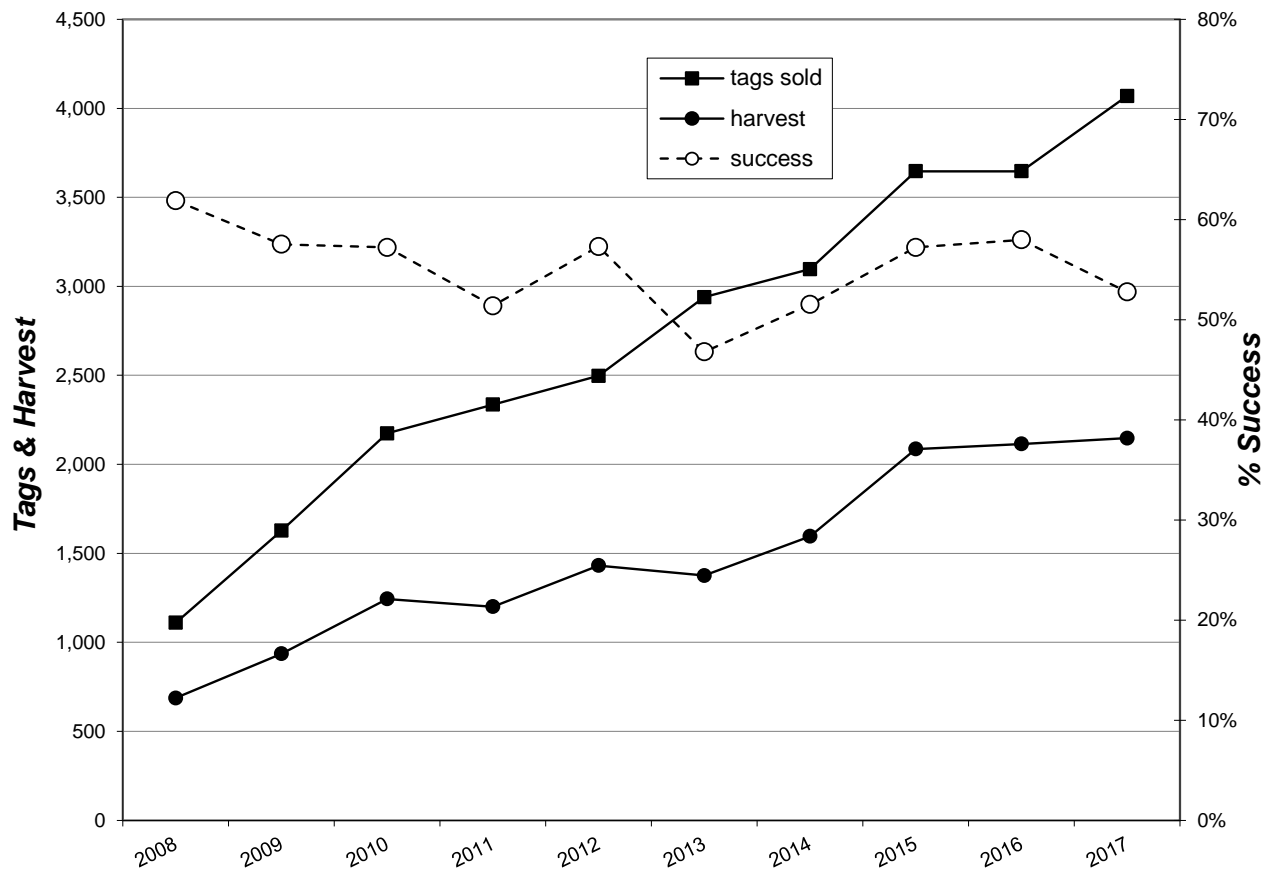
Last Revised:
23-May-18

Unit	Reported Harvest								Projected Harvest									
	Whitetail				Mule Deer				Whitetail				Mule Deer				Total	
	Bucks		Does		Bucks		Does		Bucks		Does		Bucks		Does		Total	
	Fawn	Adult	Fawn		Fawn	Adult	Fawn	Total	Fawn	Adult	Fawn		Fawn	Adult	Fawn		Estimate	%
01A (Minnehaha)	6	34	9		0	1	0	50	8	47	13		0	1	0		70	3.2%
02A (NE Penn/SE Meade)	2	6	1		2	8	2	21	3	8	1		3	11	3		29	1.4%
02C (SE Pennington)	1	7	0		0	1	0	9	1	10	0		0	1	0		13	0.6%
03A (Brown)	2	26	7		0	0	0	35	3	36	10		0	0	0		49	2.3%
04A (Beadle)	6	18	5		0	1	0	30	8	25	7		0	1	0		42	1.9%
05A (Codington)	7	18	5		0	1	0	31	10	25	7		0	1	0		43	2.0%
06A (Brookings)	5	23	1		0	0	0	29	7	32	1		0	0	0		40	1.9%
07A (Yankton)	5	21	5		0	1	0	32	7	29	7		0	1	0		45	2.1%
08A (Davison)	0	6	1		0	0	0	7	0	8	1		0	0	0		10	0.5%
10A (Aurora)	1	12	3		0	0	0	16	1	17	4		0	0	0		22	1.0%
11A (N Bennett)	1	3	0		1	3	1	9	1	4	0		1	4	1		13	0.6%
11B (S Bennett)	0	2	0		0	2	0	4	0	3	0		0	3	0		6	0.3%
12A (Bon Homme)	0	11	3		0	1	0	15	0	15	4		0	1	0		21	1.0%
13A (Brule)	2	10	2		0	5	0	19	3	14	3		0	7	0		27	1.2%
13L (Brule GPA's/Corps)	0	0	0		0	0	0	0	0	0	0		0	0	0		0	0.0%
14A (Buffalo)	1	2	0		0	3	0	6	1	3	0		0	4	0		8	0.4%
15A (Butte)	4	13	2		0	13	2	34	6	18	3		0	18	3		48	2.2%
15B (SW Butte/Lawrence)	4	15	1		0	2	0	22	6	21	1		0	3	0		31	1.4%
16A (Campbell)	0	6	1		0	2	0	9	0	8	1		0	3	0		13	0.6%
17A (Charles Mix)	2	10	1		2	5	2	22	3	14	1		3	7	3		31	1.4%
18A (Clark)	7	26	1		1	0	0	35	10	36	1		1	0	0		49	2.3%
19A (Clay)	4	11	1		0	0	0	16	6	15	1		0	0	0		22	1.0%
20A (Corson)	0	3	0		0	2	0	5	0	4	0		0	3	0		7	0.3%
21A (E Custer/S Penn)	2	15	0		1	5	0	23	3	21	0		1	7	0		32	1.5%
21B (C Custer/C Penn)	0	7	0		1	1	0	9	0	10	0		1	1	0		13	0.6%
22A (Day)	7	14	1		0	0	0	22	10	19	1		0	0	0		31	1.4%
23A (Deuel)	1	15	2		0	0	0	18	1	21	3		0	0	0		25	1.2%
24A (Dewey)	0	1	1		0	5	0	7	0	1	1		0	7	0		10	0.5%
24B (Little Moreau)	0	0	0		0	0	0	0	0	0	0		0	0	0		0	0.0%
25A (Douglas)	1	6	2		0	0	0	9	1	8	3		0	0	0		13	0.6%
26A (Edmunds)	2	11	4		0	0	0	17	3	15	6		0	0	0		24	1.1%
27A (NW FRiver/SW Cust)	0	4	2		0	5	0	11	0	6	3		0	7	0		15	0.7%
27B (Fall River)	0	9	0		1	2	0	12	0	13	0		1	3	0		17	0.8%
27L (Hill Ranch Area)	1	2	1		0	0	0	4	1	3	1		0	0	0		6	0.3%
28A (Faulk)	1	9	2		0	0	0	12	1	13	3		0	0	0		17	0.8%
29A (Grant)	6	17	1		0	0	0	24	8	24	1		0	0	0		33	1.6%
30A,B (Gregory)	2	19	4		0	2	0	27	3	26	6		0	3	0		38	1.8%
31A (Haakon)	0	7	3		1	6	0	17	0	10	4		1	8	0		24	1.1%
32A (Hamlin)	10	19	7		0	0	0	36	14	26	10		0	0	0		50	2.3%
33A (Hand)	3	21	0		0	2	0	26	4	29	0		0	3	0		36	1.7%
34A (Hanson)	3	10	1		0	0	0	14	4	14	1		0	0	0		19	0.9%
35A (W Harding)	0	3	0		1	10	0	14	0	4	0		1	14	0		20	0.9%
35C (E Harding)	0	2	1		0	6	0	9	0	3	1		0	8	0		13	0.6%
35L (Custer Nat Forest)	0	1	1		0	1	0	3	0	1	1		0	1	0		4	0.2%
36A (Hughes)	0	7	2		1	3	0	13	0	10	3		1	4	0		18	0.8%
37A (Hutchinson)	1	9	2		0	0	0	12	1	13	3		0	0	0		17	0.8%
38A (Hyde)	0	6	1		0	1	0	8	0	8	1		0	1	0		11	0.5%
39A (N Jackson)	0	1	0		0	3	1	5	0	1	0		0	4	1		7	0.3%
39B (S Jackson)	0	1	0		0	2	0	3	0	1	0		0	3	0		4	0.2%
40A (Jerauld)	3	10	1		0	0	0	14	4	14	1		0	0	0		19	0.9%
41A (Jones)	0	3	1		1	4	0	9	0	4	1		1	6	0		13	0.6%
42A (Kingsbury)	0	16	2		0	0	0	18	0	22	3		0	0	0		25	1.2%
43A (Lake)	3	9	2		0	0	0	14	4	13	3		0	0	0		20	0.9%
44A (Lincoln)	6	14	1		0	0	0	21	8	19	1		0	0	0		29	1.4%
45A (W Lyman)	0	11	1		0	3	0	15	0	15	1		0	4	0		21	1.0%
45B (E Lyman)	1	7	2		0	2	0	12	1	10	3		0	3	0		17	0.8%
45C (NE Lyman/SE Stanley)	0	2	0		0	0	0	2	0	3	0		0	0	0		3	0.1%
45D (Ft Pr Nat Grsind)	0	1	1		0	2	0	4	0	1	1		0	3	0		6	0.3%
46A (McCook)	2	19	2		0	0	0	23	3	26	3		0	0	0		32	1.5%
47A (McPherson)	2	5	3		0	0	0	10	3	7	4		0	0	0		14	0.7%
48A (Marshall)	2	10	1		0	0	0	13	3	14	1		0	0	0		18	0.8%
49A (W Meade)	5	18	3		0	11	2	39	7	25	4		0	15	3		55	2.5%
49B (NE Meade)	0	11	2		0	8	0	21	0	15	3		0	11	0		29	1.4%
50A,B (Mellette)	1	8	2		1	3	0	15	1	11	3		1	4	0		21	1.0%
51A (Miner)	1	15	0		0	0	0	16	1	21	0		0	0	0		22	1.0%
52A (Moody)	4	14	0		0	0	1	19	6	19	0		0	0	1		26	1.2%
53A (N Perkins)	1	3	0		2	8	0	14	1	4	0		3	11	0		20	0.9%
53C (S Perkins)	1	8	1		0	12	2	24	1	11	1		0	17	3		34	1.6%
54A (Potter)	0	11	0		0	0	1	12	0	15	0		0	0	1		17	0.8%
55A (Roberts)	1	22	4		0	0	0	27	1	31	6		0	0	0		38	1.8%
56A (Sanborn)	1	12	2		0	1	0	16	1	17	3		0	1	0		22	1.0%
57A (Spink)	2	13	5		0	0	0	20	3	18	7		0	0	0		28	1.3%
58A (Stanley)	2	4	1		1	8	0	16	3	6	1		1	11	0		22	1.0%
59A (W Sully)	1	3	2		0	9	0	15	1	4	3		0	13	0		21	1.0%
59B (E Sully)	0	4	1		0	0	0	5	0	6	1		0	0	0		7	0.3%
60A (Tripp)	1	24	2		0	2	0	29	1	33	3		0	3	0		40	1.9%
61A (Turner)	2	20	3		0	0	0	25	3	28	4		0	0	0		35	1.6%
62A (Union)	2	16	5		0	0	0	23	3	22	7		0	0	0		32	1.5%
63A (Walworth)	0	6	1		0	2	1	10	0	8	1		0	3	1		14	0.7%
64A (Ziebach)	0	2	0		1	2	0	5	0	3	0		1	3	0		7	0.3%
65A (Oglala Lakota)	0	2	0		0	0	0	2	0	3	0		0	0	0		3	0.1%
67A (Todd)	1	4	0		1	0	0	6	1	6	0		1	0	0		8	0.4%
BH (Black Hills)	21	140	19		3	27	3	213	29	195	27		4	38	4		297	13.8%
Unknown	4	28	7		1	8	1	49										
TOTALS	170	994	164	23	217	19	1,587	230	1,345	222	31	294	26	2,147				

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.

Use these figures for approximations only!

Mentored Youth Deer 2008-2017



MUZZLELOADER DEER

There were 2,423 “antlerless whitetail” licenses (2,295 resident, 128 nonresident) and 1,009 “any deer” licenses issued for the 2017 Muzzleloader Deer season, which represented a total of 3,432 tags. All license holders were surveyed and 2,626 responded for a response rate of 79%. Approximately 72% of muzzleloader hunters used the Internet to respond.

The 2017 Muzzleloader season was open from December 1, 2017 through January 15, 2018, however only unfilled antlerless tags were valid from Jan. 1-15. There were 7,845 applicants for the 1,000 “any deer” licenses. Respondents averaged 4.39 days of hunting for a projected total of 14,758 recreation days for the season.

The estimated harvest for the Muzzleloader season was 1,251 deer (263 whitetail bucks, 865 whitetail does, 117 mule deer bucks, and 4 mule deer does). The overall success rate for the muzzleloader season was 36% and average satisfaction was 5.10 (1 = very dissatisfied, 7 = very satisfied).

The six deer management units with the highest reported harvest were Black Hills, Brown, Brookings, SE Pennington, Minnehaha, and Union accounting for approximately 49% of the total season harvest.

Summary comparison of the 2009-2017 Muzzleloader Deer seasons

YEAR	Licenses Sold		Harvest						Avg Days Hunted	Average Satisfctn
			Bucks		Does		Total	Success		
	Res	Nonres	WT	Mule	WT	Mule				
2009	5,406	361	461	88	1,786	327	2,553	34%	4.49	4.87
2010	5,509	374	546	101	1,991	280	2,919	38%	4.48	4.98
2011	4,747	265	308	83	1,113	216	1,720	26%	4.82	4.36
2012	4,856	288	433	115	1,218	211	1,977	29%	4.51	4.75
2013	4,350	286	312	62	821	146	1,340	23%	4.14	4.57
2014	3,073	140	235	85	498	11	829	26%	3.79	4.58
2015	3,303	143	313	77	539	16	935	27%	4.03	4.76
2016	2,914	134	334	89	699	6	1,127	37%	4.06	5.03
2017	3,304	128	263	117	865	4	1,251	36%	4.39	5.10

2017 Muzzleloader Deer Harvest Projections

Last Revised: 1-May-18 Unit	License Holders	Licenses Available							Harvest Projections										Avg Days Hunted	Avg Satisf
			Licenses Sold			Response Rate	Hunter Success	Tag Success	Whitetail				Mule Deer				Total Deer Harvest			
									Bucks		Does		Bucks		Does					
			Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn						
Statewide no Access permit	3,223	Unlimited	3,122	119	3,241	78%	36%	36%	159	85	755	85	94	0	4	0	1,182	4.36	5.08	
Statewide w/ Access permit	135	Unlimited	182	9	191	90%	48%	36%	15	5	21	5	23	1	0	0	69	5.15	5.40	
Totals	3,358		3,304	128	3,432	78.7%	36.3%	36%	174	89	776	89	116	1	4	0	1,251	4.39	5.10	

2017 Access Permit Muzzleloader Deer Harvest Projections

Last Revised: 10-May-18											Harvest Projections										Avg Days Hunted	Avg Satisf
	Permit Holders	Licenses Available	Permits Issued			Projected Hunted	Response Rate	Hunter Success	Permit Success	Whitetail				Mule Deer				Total Deer Harvest				
			Resident	Nonresident	Sold					Bucks	Does	Bucks	Does	Bucks	Does							
																Adult	Fawn		Adult	Fawn		
Unit																						
Custer Nat Forest / 35L	70	Unlimited	70	0	70	34	90%	23%	11%	2	0	0	0	6	0	0	0	8	3.06	5.58		
Hill Ranch GPA / 27L	38	Unlimited	38	0	38	10	97%	20%	5%	1	0	0	0	1	0	0	0	2	2.20	5.70		
Little Moreau GPA / 24B	51	Unlimited	42	9	51	22	88%	32%	16%	0	0	7	0	0	1	0	0	8	3.00	5.42		
Brule GPA/Corps / 13L	32	Unlimited	32	0	32	2	97%	50%	3%	0	0	0	1	0	0	0	0	1	4.00	4.50		
	135		182	9	191	66	89.6%	27.1%	10%	3	0	7	1	7	1	0	0	19	3.08	5.51		

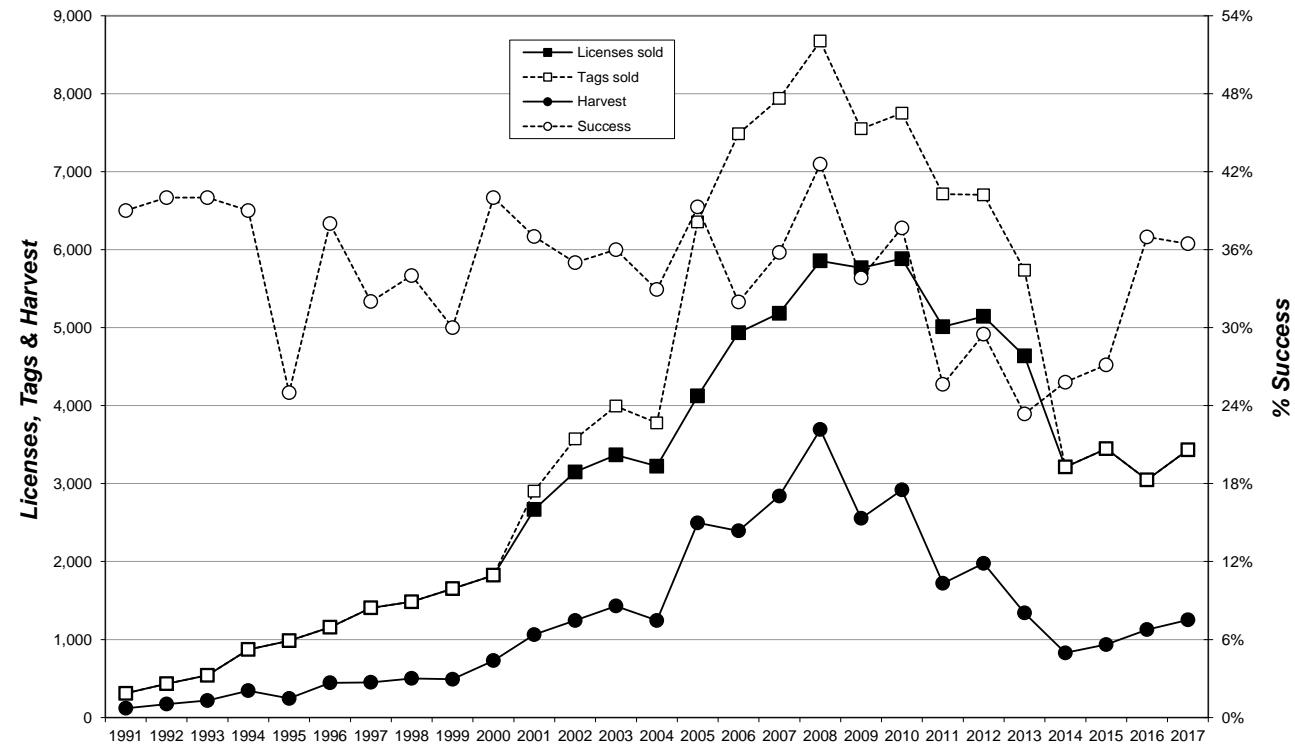
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County	Reported Harvest								Projected Harvest							
	Whitetail				Mule Deer				Whitetail				Mule Deer			
	Bucks	Does	Bucks	Does	Bucks	Does	Bucks	Does	Bucks	Does	Bucks	Does	Bucks	Does	Estimate	Total
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		%
01A (Minnehaha)	2	6	27	6	1	0	0	0	42	3	9	37	9	2	0	59
02A (NE Penn/SE Meade)	0	2	7	0	1	0	0	0	10	0	3	10	0	2	0	14
02C (SE Pennington)	1	1	26	0	5	0	0	0	33	1	1	36	0	8	0	47
03A (Brown)	5	1	23	2	0	0	0	0	31	7	1	32	3	0	0	43
04A (Beadle)	3	3	14	0	0	0	0	0	20	4	4	19	0	0	0	28
05A (Codington)	2	0	0	1	0	0	0	0	3	3	0	0	1	0	0	4
06A (Brookings)	3	1	40	3	0	0	0	0	47	4	1	55	4	0	0	66
07A (Yankton)	0	2	5	2	0	0	0	0	9	0	3	7	3	0	0	13
08A (Davison)	2	0	0	0	0	0	0	0	2	3	0	0	0	0	0	3
10A (Aurora)	2	0	4	0	0	0	0	0	6	3	0	6	0	0	0	8
11A (N Bennett)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1
11B (S Bennett)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12A (Bon Homme)	3	1	5	0	0	0	0	0	9	4	1	7	0	0	0	13
13A (Brule)	1	3	6	0	0	0	0	0	10	1	4	8	0	0	0	14
13L (Brule GPA's/Corps)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14A (Buffalo)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15A (Butte)	2	2	13	2	4	0	0	0	23	3	3	18	3	7	0	33
15B (SW Butte/Lawrence)	1	1	8	2	0	0	0	0	12	1	1	11	3	0	0	17
16A (Campbell)	2	0	1	0	1	0	0	0	4	3	0	1	0	2	0	6
17A (Charles Mix)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18A (Clark)	2	0	1	0	0	0	0	0	3	3	0	1	0	0	0	4
19A (Clay)	0	0	2	0	0	0	0	0	2	0	0	3	0	0	0	3
20A (Corson)	0	0	0	0	2	0	0	0	2	0	0	0	0	3	0	3
21A (E Custer/S Penn)	0	0	1	2	3	0	0	0	6	0	0	1	3	5	0	9
21B (C Custer/C Penn)	2	2	12	0	1	0	1	0	18	3	3	17	0	2	1	25
22A (Day)	2	0	1	0	0	0	0	0	3	3	0	1	0	0	0	4
23A (Deuel)	1	0	1	0	0	0	0	0	2	1	0	1	0	0	0	3
24A (Dewey)	0	1	1	0	1	0	0	0	3	0	1	1	0	2	0	4
24B (Little Moreau)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25A (Douglas)	0	0	2	0	0	0	0	0	2	0	0	3	0	0	0	3
26A (Edmunds)	1	1	1	0	0	0	0	0	3	1	1	1	0	0	0	4
27A (NW FRiver/SW Cust)	0	0	0</													

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.

Use these figures for approximations only!

Muzzleloader Deer 1991-2017



LANDOWNER FREE ANTLERLESS DEER

There were 349 free single-tag antlerless white-tailed deer licenses issued to qualifying resident landowners for the 2017 West River Deer, East River Deer, Archery Deer, Muzzleloader Deer, and Youth Deer hunting seasons. All license holders were surveyed and 196 responses (71%) were received. Approximately 57% of hunters responded through the Internet.

Free Landowner on Own Land Antlerless Deer licenses were valid for qualifying hunters from September 9, 2017 through January 15, 2018. Respondents reported hunting an average of 3.59 days each, which projected to 4,236 recreation days.

Projections for the season estimated that a total of 9 whitetail bucks, 159 whitetail does, and 6 mule deer does were harvested. The total harvest for the Free Antlerless Landowner licenses was 173, and the overall success rate was 49%. The five deer management units with the highest reported harvest were Butte, SW Butte/Lawrence, Edmunds, McPherson, and Potter.

The average satisfaction rating for those responding (1 being very dissatisfied and 7 very satisfied) was 5.10.

Summary of the 2011-2017 Free Landowner Antlerless Deer license statistics

YEAR	Licenses Sold	Harvest						Avg Days Hunted	Average Satisfctn
		Bucks		Does		Total	Success		
		WT	Mule	WT	Mule				
2011	2,005	91	9	709	104	913	46%	3.80	4.78
2012	1,271	30	0	479	37	546	43%	3.02	4.92
2013	1,390	35	3	359	32	430	31%	3.50	4.72
2014	Closed								
2015	Closed								
2016	628	36	0	264	3	303	48%	3.54	5.15
2017	349	9	0	159	6	173	49%	3.59	5.10

2017 Free Antlerless Landowner Own Land Harvest Projections

Last Revised: 07-May-18

Last Revised: 07-May-18																	
Harvest Projections																	
Unit	Licenses		Response Hunters	Hunter Success	Tag Success	Whitetail				Mule Deer				Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted	
	Avail.	Sold				Bucks	Does	Bucks	Does								
Statewide	Unltd	349	282	71%	49%	49%	0	9	147	12	0	0	6	0	173	5.10	3.59

South Dakota Game Report No 2018-05 - 2017 Big Game Harvest Projections
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2017 Statewide Free Antlerless LOL Harvest Distribution

Last Revised:
07-May-18

County	Reported Harvest							Projected Harvest							Estimate	%	
	Whitetail			Mule Deer			Total	Whitetail			Mule Deer			Total			
	Bucks	Does	Fawn	Bucks	Does	Fawn		Bucks	Does	Fawn	Bucks	Does	Fawn				
	Fawn	Adult		Fawn	Fawn			Adult	Fawn		Fawn	Adult					Fawn
01A (Minnehaha)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
02A (NE Penn/SE Meade)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
02C (SE Pennington)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
03A (Brown)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
04A (Beadle)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
05A (Codington)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
06A (Brookings)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
07A (Yankton)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
08A (Davison)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
10A (Aurora)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
11A (N Bennett)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
11B (S Bennett)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
12A (Bon Homme)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
13A (Brule)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
14A (Buffalo)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
15A (Butte)	1	23	3	0	2	0	29	2	39	5	0	4	0	50	28.8%		
15B (SW Butte/Lawrence)	0	7	0	0	0	0	7	0	12	0	0	0	0	12	6.8%		
16A (Campbell)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
17A (Charles Mix)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
18A (Clark)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
19A (Clay)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
20A (Corson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
21A (E Custer/S Penn)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
21B (C Custer/C Penn)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
22A (Day)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
23A (Deuel)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
24A (Dewey)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
25A (Douglas)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
26A (Edmunds)	0	12	1	0	0	0	13	0	20	2	0	0	0	22	12.7%		
27A (NW FRiver/SW Cust)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
27B (Fall River)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
28A (Faulk)	0	2	0	0	0	0	2	0	3	0	0	0	0	3	2.0%		
29A (Grant)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
30A,B (Gregory)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
31A (Haakon)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
32A (Hamlin)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
33A (Hand)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
34A (Hanson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
35A (W Harding)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
35C (E Harding)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
36A (Hughes)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
37A (Hutchinson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
38A (Hyde)	0	1	0	0	0	0	1	0	2	0	0	0	0	2	1.0%		
39A (N Jackson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
39B (S Jackson)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
40A (Jerauld)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
41A (Jones)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
42A (Kingsbury)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
43A (Lake)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
44A (Lincoln)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
45A (W Lyman)	0	4	0	0	0	0	4	0	7	0	0	0	0	7	3.9%		
45B (E Lyman)	0	2	0	0	0	0	2	0	3	0	0	0	0	3	2.0%		
45C (NE Lyman/SE Stanley)	0	3	0	0	0	0	3	0	5	0	0	0	0	5	2.9%		
45D (Ft Pr Nat GrsInd)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
46A (McCook)	0	1	0	0	0	0	1	0	2	0	0	0	0	2	1.0%		
47A (McPherson)	0	10	2	0	0	0	12	0	17	3	0	0	0	20	11.7%		
48A (Marshall)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
49A (W Meade)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
49B (NE Meade)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
50A,B (Mellette)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
51A (Miner)	0	1	0	0	0	0	1	0	2	0	0	0	0	2	1.0%		
52A (Moody)	0	1	0	0	0	0	1	0	2	0	0	0	0	2	1.0%		
53A (N Perkins)	0	5	0	0	1	0	6	0	8	0	0	2	0	10	6.0%		
53C (S Perkins)	0	4	0	0	0	0	4	0	7	0	0	0	0	7	3.9%		
54A (Potter)	2	6	1	0	0	0	9	4	10	2	0	0	0	16	9.3%		
55A (Roberts)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
56A (Sanborn)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
57A (Spink)	0	1	0	0	0	0	1	0	2	0	0	0	0	2	1.0%		
58A (Stanley)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
59A (W Sully)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
59B (E Sully)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
60A (Tripp)	0	3	0	0	0	0	3	0	5	0	0	0	0	5	2.9%		
61A (Turner)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
62A (Union)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
63A (Walworth)	1	1	0	0	0	0	2	2	2	0	0	0	0	4	2.2%		
64A (Ziebach)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
65A (Shannon)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
67A (Todd)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
Unknown	2	15	1	0	1	0	19										
TOTALS	6	102	8	0	4	0	120	9	147	12	0	6	0	173			

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.

Use these figures for approximations only!

WEST RIVER FIREARM DEER

There were 23,632 licenses issued for the 2017 West River Firearm Deer season (20,142 regular, 1,000 Special Buck and 2,490 Landowner Own Land Only) for a total of 28,736 tags.

The West River season was open 16 days from November 11-26 in most units. Units 50A in Mellette County and 30A in Gregory County were open from Nov. 4-7 and 20-26.

A random sample of 8,991 license holders was taken from the regular West River season, 2,456 from the Landowner Own Land Only licenses, and all 1,000 from the Special Buck licenses. All hunters that listed an email address were surveyed using Qualtrics Software for the first attempt. Approximately 57% of regular season, 39% of Landowner Own Land, and 65% of Special Buck hunters surveyed through email responded. All hunters who did not respond or did not supply an email address were mailed paper surveys which could be responded to either online or through the mail. Final response rates were 79% for regular West River Deer, 69% for Landowner Own Land and 83% for Special Buck. Of all responding hunters, 66% of regular West River, 51% of Landowner Own Land and 72% of Special Buck hunters responded over the Internet.

Respondents reported hunting an average of 3.20 days in the regular West River season, 3.84 days for landowner and 3.47 days in the Special Buck. These averages projected to a total of 74,424 recreation days for all West River firearm deer seasons.

The West River projected deer harvest was 13,280 for the regular season, 1,886 for landowner on own land, and 818 for the Special Buck licenses. Success rates were 56% for the regular season, 47% for landowner and 82% for Special Buck.

The mean satisfaction score for those responding to the regular West River season was 5.05 (1 being very dissatisfied and 7 very satisfied).

Summary comparison of the 2009-2017 West River Deer seasons (including Special Buck and Landowner)

YEAR	Licenses Sold				Harvest					Tag Success	Avg Days	Avg Satis
	Resident		Nonres		Bucks		Does					
	Lics	Tags	Lics	Tags	WT	Mule	WT	Mule	Total			
2009	26,999	61,947	4,391	9,798	10,319	7,224	10,036	7,281	34,862	49%	3.55	5.22
2010	27,655	59,674	4,259	9,146	11,009	5,759	11,665	5,537	33,970	49%	3.53	5.21
2011	25,917	57,091	3,978	8,645	11,139	4,456	12,301	3,901	31,797	48%	3.64	5.00
2012	22,511	44,080	3,143	6,173	8,606	3,650	8,946	2,391	23,594	47%	3.63	4.96
2013	22,422	44,118	3,216	6,257	7,749	3,358	5,785	1,678	18,570	37%	3.56	4.46
2014	20,736	23,533	2,035	2,216	7,646	3,246	2,415	334	13,642	53%	3.25	4.88
2015	20,417	23,405	2,394	2,547	9,091	3,673	2,521	246	15,528	60%	3.12	5.27
2016	21,974	28,565	2,510	3,086	8,789	3,885	3,805	354	16,384	53%	3.33	5.13
2017	21,310	26,057	2,322	2,679	7,977	4,384	3,224	399	15,984	56%	3.28	5.05

South Dakota Game Report No 2018-05 - 2017 Big Game Harvest Projections
Corey Huxoll

2017 West River Deer Harvest Projections

Last Revised:

14-Mar-18

Unit	Licenses				Tags sold	Response Hunters	Response Rate	Hunter Success	Tag Success	Harvest Projections								Total Deer Harvested	Mean Satisf CI (95%) Rating	Average Days Hunted	
	Resident		Nonresident							Whitetail				Mule Deer							
	Avail.	Sold	Avail.	Sold						Bucks		Does		Bucks		Does					
										Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn				
Penn NE / Meade SE	600	600	48	48	864	648	78%	65%	56%	212	10	59	8	173	3	15	0	480	+/-42	5.27	3.08
Pennington SE	150	151	12	12	163	163	80%	60%	60%	38	0	3	0	56	0	1	0	98	+/-7	5.00	3.72
Bennett N	250	246	20	24	270	252	82%	59%	55%	71	3	20	0	54	0	2	0	149	+/-12	4.74	3.21
Bennett S	225	224	18	18	242	236	80%	54%	53%	91	0	8	2	29	0	0	0	129	+/-11	4.65	3.81
Butte	1,100	1,094	88	93	2,156	1,174	75%	72%	55%	492	65	410	57	154	0	0	0	1,178	+/-107	5.26	3.51
Butte SW/ Lawrence	800	796	64	67	1,563	856	78%	68%	52%	330	53	327	40	53	0	6	0	809	+/-76	5.21	3.85
Corson	400	400	32	32	432	432	81%	60%	60%	201	4	10	0	43	0	0	0	258	+/-20	4.92	3.81
Custer E / Penn S	300	299	24	24	323	323	76%	72%	72%	163	0	11	0	54	0	4	0	232	+/-14	5.57	3.30
Custer C / Penn C	200	201	16	16	217	217	81%	66%	66%	105	1	17	0	17	0	3	0	144	+/-9	5.33	3.46
Dewey	450	425	36	61	486	437	82%	64%	65%	167	2	78	10	58	0	0	0	315	+/-21	5.01	3.00
Little Moreau	20	20	2	2	22	22	100%	95%	95%	9	2	10	0	0	0	0	0	21	+/-0	6.18	2.73
FRiver NW/ Cust SW	100	101	8	8	109	109	80%	69%	69%	18	0	4	0	52	0	1	0	75	+/-5	5.20	3.42
Fall River	500	500	40	40	540	540	81%	57%	57%	146	2	43	2	114	0	2	0	309	+/-25	4.86	3.60
Fall River Special	20	21	2	2	23	23	91%	81%	81%	11	0	1	0	7	0	0	0	19	+/-1	5.52	2.81
Gregory	1,250	1,256	100	100	1,575	1,356	80%	59%	55%	648	25	165	13	17	0	0	0	869	+/-75	5.19	3.43
Haakon	850	851	68	69	920	910	80%	62%	61%	230	0	35	6	275	0	16	0	562	+/-43	5.17	3.14
Harding W	850	828	68	82	910	773	80%	66%	61%	190	17	96	23	224	0	6	3	558	+/-42	5.30	2.59
Harding E	650	628	52	75	703	595	78%	56%	55%	176	15	98	12	78	0	5	0	384	+/-34	4.92	2.53
Harding Special	125	125	10	10	135	135	84%	74%	74%	8	1	0	0	89	0	1	0	99	+/-4	5.35	3.25
Jackson N	250	249	20	20	269	269	81%	66%	66%	88	2	8	0	75	0	5	2	178	+/-12	5.32	2.41
Jackson S	400	387	32	45	432	375	83%	66%	65%	134	0	19	0	120	0	7	0	281	+/-18	5.21	3.28
Jones	450	431	36	53	484	459	74%	59%	56%	192	0	15	4	60	0	0	0	271	+/-24	5.06	3.52
Lyman W	650	637	52	62	805	692	77%	57%	56%	305	8	106	5	25	0	0	0	450	+/-39	4.97	3.31
Lyman E	250	251	20	20	271	271	75%	56%	56%	115	3	10	2	20	0	0	0	151	+/-13	5.01	3.31
Lyman NE / Stanley SE	50	50	5	5	77	55	71%	38%	35%	6	3	14	0	4	0	0	0	27	+/-6	4.77	3.33
Ft Pr Nat GrsInd	60	63	6	6	69	69	91%	62%	62%	36	0	0	0	7	0	0	0	43	+/-2	5.05	2.86
Meade W	1,100	1,083	88	106	1,189	1,114	77%	68%	66%	443	8	85	4	231	0	15	4	790	+/-56	5.17	3.67
Meade NE	1,400	1,320	112	180	1,500	1,303	76%	57%	56%	332	4	131	22	324	0	26	0	840	+/-74	4.69	3.04
Mellette	850	850	68	67	917	917	78%	53%	53%	222	7	69	0	173	0	13	3	486	+/-45	4.49	2.85
Perkins N	850	833	68	88	1,516	889	82%	56%	39%	221	12	170	15	164	0	15	0	598	+/-69	4.70	3.26
Perkins S	1,200	1,131	96	161	2,044	1,179	76%	59%	44%	229	40	269	48	269	4	36	4	898	+/-100	4.52	2.81
Stanley	200	201	16	15	216	216	84%	71%	71%	84	1	4	0	63	0	0	0	153	+/-8	5.63	2.95
Oahe Dwnstrm	10	11	2	1	12	12	83%	10%	10%	0	1	0	0	0	0	0	0	1	+/-1	5.00	2.00
Tripp	1,350	1,342	108	115	1,457	1,426	80%	64%	65%	579	31	218	4	98	0	9	0	940	+/-67	5.41	3.11
Ziebach	500	468	40	72	540	499	80%	61%	59%	161	4	2	0	145	0	7	0	319	+/-25	5.31	2.78
Oglala Lakota	100	96	8	12	108	105	73%	56%	54%	33	0	1	0	25	0	0	0	59	+/-6	5.40	2.18
Todd	150	150	12	12	162	162	88%	66%	66%	83	0	4	1	17	0	1	0	106	+/-5	5.50	2.98
Totals	18,660	18,319	1,497	1,823	23,721	19,213	79.2%	62%	56%	6,570	326	2,520	279	3,366	7	197	16	13,280	+/-1,122	5.05	3.20
The response rate for all units combined was:			79%																		

South Dakota Game Report No 2018-05 - 2017 Big Game Harvest Projections
Corey Huxoll

2017 West River Deer Harvest Projections

Last Revised:		Licenses						Harvest Projections											Total Deer Harvest
14-Mar-18		Resident			Nonresident			Success		Whitetail				Mule Deer					
Unit/Type	Appl. 1st Choice *	Avail.	Sold	Appl. 1st Choice *	Avail.	Sold	Adult			Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn			
02A-01	657	400	400	116	32	32	68%	29%	91	0	0	0	173	3	15	0	293		
02A-18	44	200	200	22	16	16	57%		121	10	59	8	0	0	0	0	188		
02C-01	340	100	101	43	8	8	68%		17	0	0	0	56	0	1	0	74		
02C-11	20	50	50	10	4	4	45%	42%	21	0	3	0	0	0	0	0	24		
11A-01	181	150	150	34	12	12	60%		38	2	4	0	53	0	2	0	97		
11A-11	5	100	96	9	8	12	48%		33	2	15	0	2	0	0	0	52		
11B-01	164	100	99	36	8	8	61%	43%	32	0	2	2	29	0	0	0	65		
11B-11	32	125	125	7	10	10	48%		59	0	6	0	0	0	0	0	64		
15A-01	769	200	202	82	16	16	81%		40	0	0	0	145	0	0	0	177		
15A-18	495	650	649	85	52	52	68%	31%	447	28	266	24	4	0	0	0	771		
15A-19	35	250	243	17	20	25	52%		4	37	145	33	5	0	0	0	230		
15B-01	301	150	151	44	12	12	71%		46	0	7	0	53	0	6	0	116		
15B-18	392	500	498	44	40	40	57%	43%	284	25	215	16	0	0	0	0	537		
15B-19	53	150	147	10	12	15	60%		0	28	105	25	0	0	0	0	157		
20A-01	403	100	101	48	8	8	67%		30	0	0	0	41	0	0	0	73		
20A-11	155	300	299	43	24	24	57%	46%	172	4	10	0	2	0	0	0	185		
21A-01	483	100	99	31	8	8	80%		31	0	2	0	54	0	4	0	86		
21A-11	206	200	200	17	16	16	68%		133	0	9	0	0	0	0	0	146		
21B-01	211	100	101	29	8	8	75%	50%	63	0	1	0	17	0	1	0	82		
21B-11	27	50	50	1	4	4	69%		35	1	1	0	0	0	0	0	37		
21B-13	6	50	50	3	4	4	46%		7	0	15	0	0	0	2	0	25		
24A-01	256	100	100	36	8	8	80%	46%	34	0	2	0	53	0	0	0	87		
24A-11	78	250	250	34	20	20	59%		130	0	13	3	5	0	0	0	159		
24A-13	1	100	75	10	8	33	64%		3	0	63	7	0	0	0	0	69		
24B-11	69	10	10	13	1	1	91%	50%	9	0	1	0	0	0	0	0	10		
24B-13	3	10	10	0	1	1	100%		0	2	9	0	0	0	0	0	11		
27A-01	448	100	101	38	8	8	69%		18	0	4	0	52	0	1	0	75		
27B-01	588	200	200	66	16	16	73%	50%	42	0	4	0	114	0	2	0	158		
27B-11	101	200	200	11	16	16	55%		104	2	7	2	0	0	0	0	119		
27B-13	5	100	100	3	8	8	30%		0	0	32	0	0	0	0	0	32		
27L-01	89	10	11	8	1	1	71%	46%	1	0	0	0	7	0	0	0	9		
27L-11	19	10	10	3	1	1	92%		10	0	1	0	0	0	0	0	10		
30A-01	266	25	26	17	2	2	58%		8	0	0	0	9	0	0	0	16		
30A-11	404	500	499	83	40	40	49%	46%	236	9	14	5	0	0	0	0	266		
30A-18	186	100	101	18	8	8	61%		59	8	52	0	0	0	0	0	118		
30B-01	212	25	28	14	2	2	67%		13	0	0	0	8	0	0	0	20		
30B-11	461	500	500	113	40	40	60%	50%	265	4	46	8	0	0	0	0	324		
30B-18	214	100	102	17	8	8	62%		68	4	52	0	0	0	0	0	124		
31A-01	913	600	603	121	48	47	67%		154	0	10	0	266	0	16	0	439		
31A-11	16	150	150	19	12	12	53%	50%	76	0	0	0	8	0	0	0	86		
31A-13	4	100	98	2	8	10	35%		0	0	25	6	0	0	0	0	37		
35A-01	698	300	300	151	24	24	82%		35	4	3	0	224	0	6	3	266		
35A-11	57	300	296	43	24	23	65%	50%	154	13	20	4	0	0	0	0	208		
35A-13	2	250	232	5	20	35	31%		0	0	72	18	0	0	0	0	84		
35C-01	392	100	103	51	8	8	87%		10	0	0	0	78	0	5	0	96		
35C-11	86	300	300	28	24	23	55%	29%	162	0	15	5	0	0	0	0	179		
35C-13	3	250	225	4	20	44	41%		4	15	83	7	0	0	0	0	110		
35L-01	854	125	125	134	10	10	74%		8	1	0	0	89	0	1	0	99		
39A-01	357	150	149	44	12	12	73%	50%	27	2	5	0	75	0	5	2	117		
39A-11	30	100	100	10	8	8	57%		60	0	3	0	0	0	0	0	61		
39B-01	235	250	250	35	20	20	74%		62	0	16	0	118	0	7	0	200		
39B-11	11	150	137	11	12	25	50%	50%	73	0	4	0	3	0	0	0	81		
41A-01	317	150	150	65	12	12	64%		46	0	4	2	54	0	0	0	103		
41A-11	34	300	281	39	24	41	52%		146	0	11	2	5	0	0	0	168		
45A-01	358	100	101	51	8	7	63%	50%	37	0	0	0	22	0	0	0	68		
45A-11	96	450	436	56	36	49	51%		197	6	44	0	2	0	0	0	248		
45A-18	74	100	100	12	8	6	70%		71	3	63	5	0	0	0	0	134		
45B-01	222	50	50	26	4	4	79%	29%	21	2	0	0	20	0	0	0	43		
45B-11	203	200	201	24	16	16	50%		94	2	10	2	0	0	0	0	108		
45C-01	57	30	30	8	3	3	31%		6	0	1	0	4	0	0	0	10		
45C-19	0	20	20	0	2	2	50%	29%	0	3	13	0	0	0	0	0	17		
45D-01	189	20	22	32	2	2	55%		7	0	0	0	7	0	0	0	13		
45D-11	135	40	41	13	4	4	66%		30	0	0	0	0	0	0	0	30		
49A-01	705	700	701	89	56	56	72%	50%	301	8	11	0	231	0	15	4	548		
49A-11	39	250	247	12	20	23	57%		143	0	8	0	0	0	0	0	153		
49A-13	16	150	135	3	12	27	55%		0	0	65	4	0	0	0	0	90		
49B-01	767	700	694	141	56	55	63%	50%	140	0	8	0	318	0	26	0	469		
49B-11	19	400	364	23	32	67	53%		192	0	18	9	6	0	0	0	229		
49B-13	7	300	262	8	24	58	44%		0	4	105	13	0	0	0	0	141		
50A-01	359	200	200	34	16	16	60%	50%	31	0	19	0	76	0	7	3	131		
50A-11	24	225	225	13	18	17	41%		56	3	34	0	0	0	0	0	98		
50B-01	454	200	201	56	16	16	70%		47	0	8	0	97	0	6	0	151		
50B-11	40	225	224	42	18	18	44%	50%	88	4	8	0	0	0	0	0	106		

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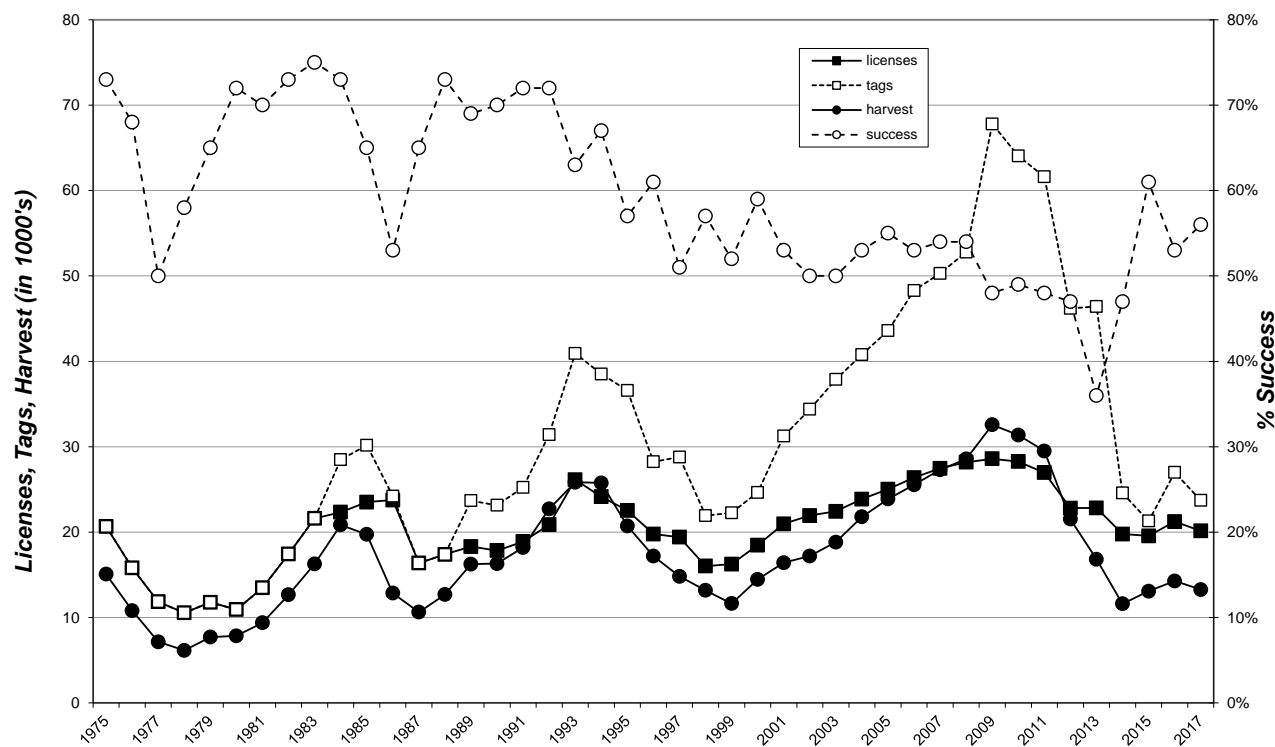
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Unit/Type	Licenses							Harvest Projections										Total Deer Harvest
	Resident			Nonresident			Success	Whitetail				Mule Deer						
	Appl. 1st Choice *	Avail.	Sold	Appl. 1st Choice *	Avail.	Sold		Bucks		Does		Bucks		Does				
								1st tag	2nd tag	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	
53A-01	831	300	302	115	24	24	62%			40	0	0	0	159	0	15	0	203
53A-18	115	350	350	52	28	28	47%	34%		182	5	114	10	0	0	0	0	318
53A-19	6	200	181	11	16	36	27%	8%		0	7	56	5	5	0	0	0	77
53C-01	664	500	500	87	40	40	70%			78	0	0	0	269	4	32	4	376
53C-18	95	400	398	47	32	33	40%	32%		150	17	120	14	0	0	5	0	310
53C-19	2	300	233	14	24	88	47%	27%		0	23	149	34	0	0	0	0	213
58A-01	645	100	101	74	8	8	73%			16	0	4	0	63	0	0	0	79
58A-11	66	100	100	27	8	7	69%			68	1	0	0	0	0	0	0	74
58D-01	13	5	5	1	1	1	0%			0	0	0	0	0	0	0	0	0
58D-03	0	5	6	0	1	0	20%			0	1	0	0	0	0	0	0	1
60A-01	1,088	400	401	99	32	31	67%			180	0	16	0	93	0	9	0	290
60A-11	232	700	700	80	56	56	62%			400	11	62	0	5	0	0	0	470
60A-13	15	250	241	35	20	28	67%			0	20	140	4	0	0	0	0	180
64A-01	246	300	300	64	24	24	68%			70	2	2	0	145	0	7	0	220
64A-11	4	200	168	14	16	48	46%			91	2	0	0	0	0	0	0	99
65A-01	68	100	96	10	8	12	54%			33	0	1	0	25	0	0	0	59
67A-01	149	150	150	29	12	12	66%			83	0	4	1	17	0	1	0	106
Totals	20,391	18,660	18,319	3,379	1,497	1,823				6,570	326	2,520	279	3,366	7	197	16	13,280

* Number of 1st drawing applicants with that season as 1st choice.

West River Deer Regular Season 1975-2017

(does not include Special Buck or Landowner Own Land)



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2017 West River LOL Harvest Projections

Last Revised: 16-Mar-18

Last Revised: 16-Mar-18							Harvest Projections										
							Whitetail				Mule Deer				Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
							Bucks		Does		Bucks		Does				
Unit/Type	Avail.	Sold	Tags sold	Response Rate	Hunter Success	Tag Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn			
WR1-01	Unltd	965	965	71%	50%	50%	227	0	27	0	217	3	7	0	480	5.22	3.64
WR1-08	Unltd	1,525	3,050	68%	66%	46%	509	21	370	27	297	6	167	9	1,406	5.20	3.97
Totals		2,490	4,015	69.2%	60%	47%	735	21	397	27	514	9	174	9	1,886	5.21	3.84

2017 West River LOL Harvest Distribution by Management Unit

Last Revised:
08-May-18

Unit	Reported Harvest								Projected Harvest										
	Whitetail				Mule Deer				Whitetail				Mule Deer				Total		
	Bucks		Does		Bucks		Does		Bucks		Does		Bucks		Does				
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	%
02A (NE Penn/SE Meade)	12	0	6	0	15	0	7	0	40	18	0	9	0	22	0	11	0	60	3.2%
02C (SE Pennington)	10	0	5	1	8	0	1	0	25	15	0	7	1	12	0	2	0	37	2.0%
11A (N Bennett)	5	0	7	0	5	0	0	0	17	7	0	10	0	7	0	0	0	25	1.3%
11B (S Bennett)	6	0	4	0	3	0	1	0	14	9	0	6	0	4	0	2	0	21	1.1%
15A (Butte)	27	2	18	2	16	1	6	1	73	40	3	27	3	24	1	9	1	109	5.8%
15B (SW Butte/Lawrence)	20	1	20	3	10	1	0	0	55	30	1	30	4	15	1	0	0	82	4.3%
20A (Corson)	14	0	9	0	9	0	3	0	35	21	0	13	0	13	0	5	0	52	2.8%
21A (E Custer/S Penn)	10	0	6	0	9	0	3	0	28	15	0	9	0	13	0	5	0	42	2.2%
21B (C Custer/C Penn)	4	0	1	0	2	0	0	0	7	6	0	1	0	3	0	0	0	10	0.6%
24A (Dewey)	10	0	1	1	11	0	8	0	31	15	0	1	1	16	0	12	0	46	2.5%
27A (NW FRiver/SW Cust)	7	1	5	0	2	0	2	0	17	10	1	7	0	3	0	3	0	25	1.3%
27B (Fall River)	12	0	5	1	9	1	5	1	34	18	0	7	1	13	1	8	1	51	2.7%
30A,B (Gregory)	86	3	54	3	10	0	5	0	161	128	4	81	4	15	0	8	0	240	12.7%
31A (Haakon)	27	0	16	1	32	0	13	1	90	40	0	24	1	48	0	20	1	134	7.1%
35A (W Harding)	4	0	5	1	6	0	1	0	17	6	0	7	1	9	0	2	0	25	1.3%
35C (E Harding)	2	0	2	0	10	0	3	0	17	3	0	3	0	15	0	5	0	25	1.3%
39A (N Jackson)	12	0	1	0	7	0	0	0	20	18	0	1	0	10	0	0	0	30	1.6%
39B (S Jackson)	11	0	6	0	7	0	3	0	27	16	0	9	0	10	0	5	0	40	2.1%
41A (Jones)	8	1	7	1	8	0	3	0	28	12	1	10	1	12	0	5	0	42	2.2%
45A (W Lyman)	18	1	10	0	16	0	3	1	49	27	1	15	0	24	0	5	1	73	3.9%
45B (E Lyman)	5	0	0	0	1	0	3	0	9	7	0	0	0	1	0	5	0	13	0.7%
45C (NE Lyman/SE Stanley)	2	0	1	0	1	0	0	0	4	3	0	1	0	1	0	0	0	6	0.3%
45D (Ft Pr Nat Grslnd)	9	0	0	0	3	0	0	0	12	13	0	0	0	4	0	0	0	18	0.9%
49A (W Meade)	19	1	11	0	25	2	10	0	68	28	1	16	0	37	3	15	0	101	5.4%
49B (NE Meade)	25	0	9	1	21	0	4	0	60	37	0	13	1	31	0	6	0	89	4.7%
50A,B (Mellette)	10	0	6	2	11	0	2	0	31	15	0	9	3	16	0	3	0	46	2.5%
53A (N Perkins)	10	0	1	0	19	0	4	1	35	15	0	1	0	28	0	6	1	52	2.8%
53C (S Perkins)	14	0	8	1	18	1	8	0	50	21	0	12	1	27	1	12	0	75	4.0%
58A (Stanley)	22	0	6	0	17	0	8	0	53	33	0	9	0	25	0	12	0	79	4.2%
60A (Tripp)	58	4	28	0	17	0	6	0	113	86	6	42	0	25	0	9	0	168	8.9%
64A (Ziebach)	8	0	4	0	12	0	4	1	29	12	0	6	0	18	0	6	1	43	2.3%
65A (Oglala Lakota)	1	0	1	0	0	0	0	0	2	1	0	1	0	0	0	0	0	3	0.2%
67A (Todd)	7	0	2	0	5	0	0	0	14	10	0	3	0	7	0	0	0	21	1.1%
Unknown	5	0	2	0	6	0	1	0	14										
TOTALS	500	14	267	18	351	6	117	6	1,279	735	21	397	27	514	9	174	9	1,886	

*Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.
 Use these figures for approximations only! All unknown harvest locations were assigned the license holder's county of residence, if possible.*

South Dakota Game Report No 2018-05 - 2017 Big Game Harvest Projections
Corey Huxoll

2017 West River Special Buck Harvest Projections

Last Revised: 16-Mar-18	Licenses						Harvest Projections												Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
	Resident			Nonresident			Whitetail						Mule Deer								
	Appl. 1st Choice *		Sold	Appl. 1st Choice *		Sold	Bucks		Does		Bucks		Does								
	Avail.			Avail.			Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn							
Unit/Type	Choice *	Avail.	Sold	Choice *	Avail.	Sold	Tags sold	Response Rate	Tag Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn				
WR-01	782	500	501	899	500	499	1,000	83%	82%	323	1	1	0	489	0	4	0	818	5.94	3.47	

2017 West River Special Buck Harvest Distribution

Unit	Reported Harvest										Projected Harvest									
	Whitetail					Mule Deer					Whitetail					Mule Deer				
	Bucks		Does		Total	Bucks		Does		Total	Bucks		Does		Total	Bucks		Does		Total
	Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn	
02A (NE Penn/SE Meade)	5	0	0	0	36	0	3	0	0	44	7	0	0	0	47	0	4	0	0	57
02C (SE Pennington)	5	0	0	0	22	0	0	0	0	27	7	0	0	0	29	0	0	0	0	35
11A (N Bennett)	2	0	0	0	2	0	0	0	0	4	3	0	0	0	3	0	0	0	0	5
11B (S Bennett)	1	0	0	0	4	0	0	0	0	5	1	0	0	0	5	0	0	0	0	7
15A (Butte)	3	0	0	0	29	0	0	0	0	32	4	0	0	0	38	0	0	0	0	42
15B (SW Butte/Lawrence)	11	0	0	0	4	0	0	0	0	15	15	0	0	0	5	0	0	0	0	20
20A (Corson)	7	0	0	0	10	0	0	0	0	17	9	0	0	0	13	0	0	0	0	22
21A (E Custer/S Penn)	7	0	0	0	8	0	0	0	0	15	9	0	0	0	10	0	0	0	0	20
21B (C Custer/C Penn)	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1
24A (Dewey)	2	0	0	0	7	0	0	0	0	9	3	0	0	0	9	0	0	0	0	12
27A (NW FRiver/SW Cust)	3	0	0	0	4	0	0	0	0	7	4	0	0	0	5	0	0	0	0	9
27B (Fall River)	2	0	0	0	10	0	0	0	0	12	3	0	0	0	13	0	0	0	0	16
30A,B (Gregory)	58	1	1	0	5	0	0	0	0	65	77	1	1	0	7	0	0	0	0	86
31A (Haakon)	13	0	0	0	33	0	0	0	0	46	17	0	0	0	43	0	0	0	0	60
35A (W Harding)	9	0	0	0	26	0	0	0	0	35	12	0	0	0	34	0	0	0	0	46
35C (E Harding)	1	0	0	0	23	0	0	0	0	24	1	0	0	0	30	0	0	0	0	31
39A (N Jackson)	6	0	0	0	6	0	0	0	0	12	8	0	0	0	8	0	0	0	0	16
39B (S Jackson)	3	0	0	0	7	0	0	0	0	10	4	0	0	0	9	0	0	0	0	13
41A (Jones)	9	0	0	0	18	0	0	0	0	27	12	0	0	0	24	0	0	0	0	35
45A (W Lyman)	18	0	0	0	9	0	0	0	0	27	24	0	0	0	12	0	0	0	0	36
45B (E Lyman)	4	0	0	0	8	0	0	0	0	12	5	0	0	0	10	0	0	0	0	16
45C (NE Lyman/SE Stanley)	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1
45D (Ft Pr Nat Grslnd)	1	0	0	0	2	0	0	0	0	3	1	0	0	0	3	0	0	0	0	4
49A (W Meade)	11	0	0	0	13	0	0	0	0	24	15	0	0	0	17	0	0	0	0	32
49B (NE Meade)	5	0	0	0	15	0	0	0	0	20	7	0	0	0	20	0	0	0	0	26
50A,B (Mellette)	11	0	0	0	10	0	0	0	0	21	15	0	0	0	13	0	0	0	0	28
53A (N Perkins)	3	0	0	0	10	0	0	0	0	13	4	0	0	0	13	0	0	0	0	17
53C (S Perkins)	4	0	0	0	16	0	0	0	0	20	5	0	0	0	21	0	0	0	0	26
58A (Stanley)	11	0	0	0	15	0	0	0	0	26	15	0	0	0	20	0	0	0	0	34
60A (Tripp)	23	0	0	0	8	0	0	0	0	31	30	0	0	0	10	0	0	0	0	41
64A (Ziebach)	4	0	0	0	10	0	0	0	0	14	5	0	0	0	13	0	0	0	0	18
65A (Oglala Lakota)	1	0	0	0	1	0	0	0	0	2	1	0	0	0	1	0	0	0	0	3
67A (Todd)	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
Unknown	24	0	0	0	32	0	0	0	0	56										
TOTALS	268	1	1	0	405	0	3	0	0	678	323	1	1	0	489	0	4	0	0	818

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.

Use these figures for approximations only!

EAST RIVER FIREARM DEER

There were 31,807 licenses issued for the 2017 East River Firearm Deer season (26,236 regular, 499 Special Buck and 5,596 Landowner Own Land Only) for a total of 40,869 tags.

The East River season was open 16 days from November 18 through December 3 in all units. The season was also open from December 30, 2017 - January 7, 2018 for all unfilled antlerless deer tags.

A random sample of 12,583 hunters was taken from the regular East River season, 2,985 from the Landowner Own Land Only licenses, and all 499 Special Buck hunters. All hunters that listed an email address were surveyed using Qualtrics Software prior to sending paper surveys. Approximately 51% of regular season, 36% of Landowner Own Land, and 65% of Special Buck hunters surveyed by email responded. All hunters who did not respond or did not supply an email address were mailed paper surveys which could be responded to either online or through the mail. Final response rates were 77% for regular East River Deer, 69% for Landowner Own Land, and 85% for Special Buck. Of all responding hunters, 62% of regular East River, 49% of Landowner Own Land, and 69% of Special Buck hunters responded through the Internet.

Respondents reported hunting an average of 4.19 days per hunter for the regular season, 4.47 days for Landowner Own Land and 5.11 days for Special Buck, resulting in a projected total of 137,436 recreation days for the entire East River season. Hunters reported harvesting approximately 95% of their deer during the regular season and 5% from December 30 - January 7.

The East River projected deer harvest was 14,879 for the regular season, 3,314 for Landowner Own Land, and 297 for the Special Buck season. Success rates were 48% for the regular season, 37% for Landowner Own Land, and 59% for Special Buck. Success for the regular East River season "any deer and any antlerless deer" and "any whitetail and antlerless whitetail" license 1st tags (any) was 51% and success for 2nd (antlerless only) tags was 29%. Success for "any antlerless deer and any antlerless deer" and "antlerless whitetail and antlerless whitetail" license 1st tags was 55% and success for 2nd tags was 25%.

The mean satisfaction score for those responding to the regular East River survey was 4.86, for the Landowner Own Land survey was 4.99, and for the Special Buck survey was 5.16 (1 = "very dissatisfied" and 7 = "very satisfied").

Summary comparison of the 2009-2017 East River Deer seasons (including Special Buck and Landowner)

YEAR	Licenses Sold				Harvest				Total Harvest	Success	Avg Days	Avg Satis
	Resident		Nonres		Bucks		Does					
	Lics	Tags	Lics	Tags	WT	Mule	WT	Mule				
2009	46,533	74,613	1,797	3,663	13,733	511	17,741	735	32,717	42%	4.53	4.41
2010	47,154	76,549	1,892	4,245	17,300	496	21,595	539	39,929	49%	4.28	4.95
2011	45,589	75,512	1,950	4,461	14,970	502	19,401	513	35,386	44%	4.73	4.51
2012	37,865	58,693	1,419	2,813	13,522	383	14,153	337	28,394	46%	4.23	4.64
2013	37,137	56,030	1,366	2,715	10,733	278	10,592	256	21,858	37%	4.44	4.19
2014	31,037	37,835	912	1,326	12,213	376	6,673	86	19,347	49%	4.10	4.80
2015	32,287	40,420	836	1,276	13,060	369	7,331	104	20,866	50%	4.15	4.96
2016	31,048	44,311	759	1,595	10,659	359	7,972	117	19,107	42%	4.16	4.70
2017	31,501	39,556	830	1,313	11,636	312	6,446	96	18,489	45%	4.40	4.86

South Dakota Game Report No 2018-05 - 2017 Big Game Harvest Projections
Corey Huxoll

2017 East River Deer Harvest Projections

Last Revised:

07-May-18

Unit	Licenses		Harvest Projections																		Total	Mean	Average
			Resident		Nonresident		Tags	Response		Hunter	Tag	Whitetail				Mule Deer				Deer			
	Avail.	Sold	Avail.	Sold	sold	Hunters		Rate	Success			Success	Bucks	Does	Bucks	Does	Adult	Fawn	Adult		Fawn	Harvested	CI (95%)
	Unit	Avail.	Sold	Avail.	Sold	sold	Hunters	Rate	Success	Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Harvested	CI (95%)	Rating	Hunted	
Minnehaha	550	551	leftovers	0	551	551	77%	45%	45%	162	5	76	5	0	0	0	0	247	+/-27	4.97	4.76		
Brown	2,400	2,315	leftovers	85	2,400	2,111	74%	45%	45%	524	27	485	33	0	0	0	0	1,069	+/-121	4.67	4.57		
Beadle	600	600	leftovers	0	600	600	76%	59%	59%	276	13	61	3	0	0	3	0	354	+/-29	5.20	4.15		
Codington	250	252	leftovers	0	252	252	79%	57%	57%	121	3	17	2	0	0	0	0	143	+/-12	5.04	4.78		
Brookings	550	553	leftovers	0	553	553	81%	49%	49%	167	5	93	5	0	0	0	0	269	+/-26	5.00	5.58		
Yankton	250	250	leftovers	0	250	250	84%	50%	50%	98	4	22	0	0	0	0	0	124	+/-11	5.01	5.16		
Yankton SW	75	75	leftovers	0	75	75	83%	52%	52%	0	6	31	1	0	0	0	0	39	+/-4	4.47	4.56		
Davison	200	199	leftovers	0	199	199	79%	36%	36%	56	0	14	0	0	0	0	0	71	+/-9	4.48	4.55		
Aurora	500	500	leftovers	0	500	500	71%	44%	44%	130	12	72	5	0	0	0	0	220	+/-26	4.53	3.73		
Bon Homme	150	150	leftovers	0	150	150	90%	44%	44%	55	0	10	0	1	0	0	0	66	+/-4	4.61	5.20		
Bon Homme SE	50	50	leftovers	0	50	50	73%	28%	28%	1	1	11	0	0	0	0	0	14	+/-4	4.46	3.75		
Brule	900	897	leftovers	0	1,096	897	75%	42%	37%	236	10	128	13	13	0	3	0	405	+/-53	4.38	3.60		
Brule GPA/Corps	20	20	leftovers	0	20	20	90%	61%	61%	8	0	1	0	3	0	0	0	12	+/-1	5.11	2.78		
Buffalo	350	312	leftovers	37	598	305	74%	52%	33%	125	2	53	6	13	0	0	0	198	+/-29	4.67	3.21		
Campbell	720	621	leftovers	99	720	614	77%	50%	49%	171	28	136	10	5	0	0	0	350	+/-36	4.87	3.94		
Charles Mix	250	255	leftovers	0	255	255	79%	51%	51%	89	0	13	2	24	0	3	0	130	+/-12	4.67	4.45		
Clark	600	600	leftovers	0	600	600	71%	62%	62%	311	16	43	3	0	0	0	0	373	+/-30	5.36	4.18		
Clay	200	202	leftovers	0	202	202	79%	38%	38%	59	1	14	1	0	0	0	0	76	+/-9	5.09	4.69		
Day	600	602	leftovers	0	602	602	73%	56%	56%	273	8	45	5	8	0	0	0	339	+/-30	4.98	4.36		
Deuel	400	400	leftovers	0	400	400	82%	53%	53%	167	4	39	2	0	0	0	0	212	+/-18	5.06	4.87		
Douglas	250	251	leftovers	0	251	251	83%	39%	39%	84	1	12	0	0	0	0	0	97	+/-11	4.39	4.01		
Edmunds	1,300	1,162	leftovers	134	2,592	1,223	71%	61%	41%	377	62	598	18	0	0	0	0	1,055	+/-132	4.70	4.32		
Faulk	1,400	1,126	leftovers	124	2,500	1,130	76%	59%	42%	370	66	510	86	4	0	12	0	1,048	+/-122	4.98	3.49		
Grant	300	300	leftovers	0	300	300	81%	57%	57%	148	2	17	3	0	0	0	0	170	+/-14	4.76	5.19		
Hamlin	600	601	leftovers	0	601	601	78%	50%	50%	216	12	72	2	0	0	0	0	303	+/-29	5.13	4.54		
Hand	870	844	leftovers	28	872	814	77%	54%	54%	259	21	180	9	3	0	0	0	473	+/-43	4.86	3.31		
Hanson	200	201	leftovers	0	201	201	74%	49%	49%	84	5	8	2	0	0	0	0	98	+/-10	4.86	4.18		
Hughes	600	594	leftovers	6	600	577	80%	43%	41%	152	7	59	2	23	0	5	0	249	+/-28	4.64	3.70		
Hutchinson	100	101	leftovers	0	101	101	87%	45%	45%	40	1	5	0	0	0	0	0	46	+/-4	4.51	4.16		
Hyde	720	679	leftovers	41	1,419	705	69%	54%	38%	257	19	241	19	3	0	0	0	539	+/-74	4.70	3.23		
Jerauld	550	527	leftovers	21	548	511	75%	56%	56%	190	14	94	12	0	0	0	0	309	+/-27	5.01	3.69		
Kingsbury	600	601	leftovers	0	601	601	81%	53%	53%	225	17	67	10	0	0	0	0	318	+/-28	4.83	4.60		
Lake	400	407	leftovers	0	407	407	78%	50%	50%	138	6	48	10	0	0	0	0	202	+/-20	4.98	4.44		
Lincoln	250	252	leftovers	0	252	252	82%	41%	41%	71	5	27	2	0	0	0	0	104	+/-11	4.70	4.89		
McCook	450	451	leftovers	0	451	451	77%	50%	50%	153	2	70	2	0	0	0	0	228	+/-22	4.87	4.80		
McPherson	1,000	922	leftovers	79	1,501	953	77%	67%	55%	281	44	434	44	0	3	10	3	821	+/-73	5.22	3.23		
Marshall	500	500	leftovers	0	500	500	79%	53%	53%	226	4	31	0	2	0	0	0	263	+/-24	5.18	4.71		
Miner	750	752	leftovers	0	752	752	77%	50%	50%	192	20	155	11	0	0	0	0	379	+/-37	4.73	3.65		
Moody	450	452	leftovers	0	452	452	75%	49%	49%	151	11	59	0	0	0	0	0	221	+/-23	4.84	5.00		
Potter	1,050	975	leftovers	68	1,933	975	74%	64%	49%	359	62	417	47	40	0	11	4	939	+/-98	5.07	3.46		
Roberts	500	500	leftovers	0	500	500	82%	52%	52%	213	2	44	2	0	0	0	0	262	+/-23	4.75	5.82		
Sanborn	550	535	leftovers	14	549	537	77%	44%	44%	138	16	82	2	0	0	0	0	239	+/-27	4.75	3.86		
Spink	1,300	1,279	leftovers	18	1,297	1,260	77%	58%	57%	497	13	215	13	0	0	0	0	737	+/-64	5.21	3.62		
W Sully	450	450	leftovers	0	450	438	76%	57%	55%	175	4	27	2	40	0	0	0	248	+/-22	4.54	3.38		
E Sully	470	446	leftovers	23	469	432	77%	44%	44%	143	6	55	0	0	0	2	0	206	+/-23	4.57	3.18		
Turner	100	100	leftovers	0	100	100	78%	45%	45%	38	3	4	0	0	0	0	0	45	+/-5	4.42	5.95		
Union	300	301	leftovers	0	301	301	82%	54%	54%	113	5	42	0	0	0	2	0	162	+/-13	5.18	4.18		
Walworth	750	693	leftovers	53	746	656	74%	56%	55%	226	19	128	27	8	0	0	0	408	+/-37	4.86	3.30		
Totals	26,375	25,406	leftovers	830	31,319	25,167	77.0%	52%	48%	8,549	594	5,065	420	191	3	50	7	14,879	+/-1,535	4.86	4.19		
The response rate for all units combined was:				77%																			

The response rate for all units combined was:

77%

2017 East River Deer harvest by date

	Total	Nov 18 - Dec 3	Dec 30 - Jan 7
Reports	5,234	4,986	248
Percent of total		95%	5%
Projected	14,879	14,174	705

2017 East River Deer antlerless harvest by date

	Total	Nov 18 - Dec 3	Dec 30 - Jan 7
Percent of total		89%	11%
Projected	6,139	5,434	705

2017 East River Deer Harvest Projections

Last Revised: 08-May-18		Licenses						Harvest Projections										Total Deer
		Resident			Nonresident			Whitetail				Mule Deer						
		Appl. 1st Choice *	Avail.	Sold	Avail.	Sold	Tags sold	Success 1st tag	2nd tag	Bucks Adult	Does Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	
Unit/Type																		
01A-01	932	450	451	leftovers	0	451	46%		162	2	42	2	0	0	0	0	207	
01A-03	57	100	100	leftovers	0	100	40%		0	2	34	2	0	0	0	0	40	
03A-01	1,842	1,100	1,101	leftovers	0	1,101	59%		524	0	89	0	0	0	0	0	646	
03A-03	72	1,300	1,214	leftovers	85	1,299	33%		0	27	395	33	0	0	0	0	423	
04A-11	1,010	500	500	leftovers	0	500	61%		274	8	21	0	0	0	3	0	307	
04A-13	49	100	100	leftovers	0	100	48%		2	5	39	3	0	0	0	0	48	
05A-01	704	250	252	leftovers	0	252	57%		121	3	17	2	0	0	0	0	143	
06A-01	961	450	453	leftovers	0	453	47%		167	2	39	5	0	0	0	0	213	
06A-03	55	100	100	leftovers	0	100	56%		0	2	54	0	0	0	0	0	56	
07A-01	588	250	250	leftovers	0	250	50%		98	4	22	0	0	0	0	0	124	
07B-03	30	75	75	leftovers	0	75	52%		0	6	31	1	0	0	0	0	39	
08A-11	308	200	199	leftovers	0	199	36%		56	0	14	0	0	0	0	0	71	
10A-11	515	300	300	leftovers	0	300	54%		130	4	27	2	0	0	0	0	162	
10A-13	37	200	200	leftovers	0	200	29%		0	8	46	3	0	0	0	0	58	
12A-01	361	150	150	leftovers	0	150	44%		55	0	10	0	1	0	0	0	66	
12B-13	27	50	50	leftovers	0	50	28%		1	1	11	0	0	0	0	0	14	
13A-01	375	100	100	leftovers	0	100	27%		8	3	3	0	13	0	3	0	27	
13A-11	239	600	598	leftovers	0	598	42%		173	4	67	7	0	0	0	0	253	
13A-18	194	200	199	leftovers	0	398	35%	28%	55	4	58	7	0	0	0	0	124	
13L-01	57	20	20	leftovers	0	20	61%		8	0	1	0	3	0	0	0	12	
14A-01	94	100	100	leftovers	0	100	53%		36	0	2	0	13	0	0	0	53	
14A-18	49	250	212	leftovers	37	498	40%	20%	88	2	51	6	0	0	0	0	145	
16A-01	77	20	20	leftovers	0	20	78%		5	0	0	0	5	0	0	0	16	
16A-11	436	400	400	leftovers	0	400	50%		163	14	24	3	0	0	0	0	201	
16A-13	4	300	201	leftovers	99	300	45%		3	14	111	7	0	0	0	0	134	
17A-01	516	100	104	leftovers	0	104	48%		25	0	0	0	24	0	3	0	50	
17A-11	382	150	151	leftovers	0	151	53%		63	0	13	2	0	0	0	0	79	
18A-01	968	600	600	leftovers	0	600	62%		311	16	43	3	0	0	0	0	373	
19A-01	399	200	202	leftovers	0	202	38%		59	1	14	1	0	0	0	0	76	
22A-01	1,147	600	602	leftovers	0	602	56%		273	8	45	5	8	0	0	0	339	
23A-01	715	400	400	leftovers	0	400	53%		167	4	39	2	0	0	0	0	212	
25A-11	231	250	251	leftovers	0	251	39%		84	1	12	0	0	0	0	0	97	
26A-08	880	700	699	leftovers	0	1,398	53%	25%	362	14	167	4	0	0	0	0	544	
26A-09	37	600	463	leftovers	134	1,194	59%	23%	14	48	431	13	0	0	0	0	511	
28A-08	767	600	600	leftovers	0	1,200	57%	34%	346	33	178	20	4	0	0	0	585	
28A-09	25	800	526	leftovers	124	1,300	42%	18%	24	33	332	65	0	0	12	0	463	
29A-01	703	300	300	leftovers	0	300	57%		148	2	17	3	0	0	0	0	170	
32A-01	775	600	601	leftovers	0	601	50%		216	12	72	2	0	0	0	0	303	
33A-01	143	20	22	leftovers	0	22	75%		14	0	0	0	3	0	0	0	16	
33A-11	700	450	450	leftovers	0	450	55%		242	0	9	0	0	0	0	0	247	
33A-13	23	400	372	leftovers	28	400	52%		3	21	171	9	0	0	0	0	209	
34A-11	345	200	201	leftovers	0	201	49%		84	5	8	2	0	0	0	0	98	
36A-01	405	175	175	leftovers	0	175	49%		55	0	2	0	23	0	5	0	86	
36A-11	231	250	250	leftovers	0	250	44%		95	2	11	0	0	0	0	0	111	
36A-13	26	175	169	leftovers	6	175	30%		2	5	46	2	0	0	0	0	52	
37A-11	327	100	101	leftovers	0	101	45%		40	1	5	0	0	0	0	0	46	
38A-01	72	20	21	leftovers	0	21	54%		9	0	0	0	3	0	0	0	11	
38A-18	384	500	499	leftovers	0	998	50%	27%	244	4	131	0	0	0	0	0	379	
38A-19	6	200	159	leftovers	41	400	46%	26%	3	15	110	19	0	0	0	0	148	
40A-11	429	350	348	leftovers	0	348	62%		187	10	15	2	0	0	0	0	215	
40A-13	16	200	179	leftovers	21	200	47%		3	4	79	10	0	0	0	0	94	
42A-01	950	500	501	leftovers	0	501	52%		223	5	30	3	0	0	0	0	262	
42A-03	67	100	100	leftovers	0	100	57%		2	12	37	7	0	0	0	0	57	
43A-01	735	300	307	leftovers	0	307	53%		138	2	15	4	0	0	0	0	162	
43A-03	55	100	100	leftovers	0	100	40%		0	4	33	6	0	0	0	0	40	
44A-01	537	200	202	leftovers	0	202	42%		71	1	14	0	0	0	0	0	84	
44A-03	33	50	50	leftovers	0	50	40%		0	3	13	2	0	0	0	0	20	
46A-01	751	350	351	leftovers	0	351	53%		153	2	33	2	0	0	0	0	187	
46A-03	45	100	100	leftovers	0	100	41%		0	0	37	0	0	0	0	0	41	
47A-01	856	500	501	leftovers	0	501	62%		274	10	31	4	0	0	0	0	312	
47A-09	39	500	421	leftovers	79	1,000	69%	31%	8	34	403	40	0	3	10	3	509	
48A-01	814	500	500	leftovers	0	500	53%		226	4	31	0	2	0	0	0	263	
51A-01	667	400	402	leftovers	0	402	58%		192	4	15	4	0	0	0	0	235	
51A-03	55	350	350	leftovers	0	350	41%		0	16	140	8	0	0	0	0	144	
52A-01	623	350	351	leftovers	0	351	48%		144	4	23	0	0	0	0	0	170	
52A-03	39	100	101	leftovers	0	101	50%		7	7	36	0	0	0	0	0	50	
54A-01	251	150	153	leftovers	0	153	72%		66	0	4	0	40	0	0	4	111	
54A-18	592	500	500	leftovers	0	1,000	57%	39%	293	23	173	14	0	0	0	0	503	
54A-19	20	400	322	leftovers	68	780	56%	27%	0	39	240	33	0	0	11	0	325	

(Continued next page)

South Dakota Game Report No 2018-05 - 2017 Big Game Harvest Projections
 Corey Huxoll

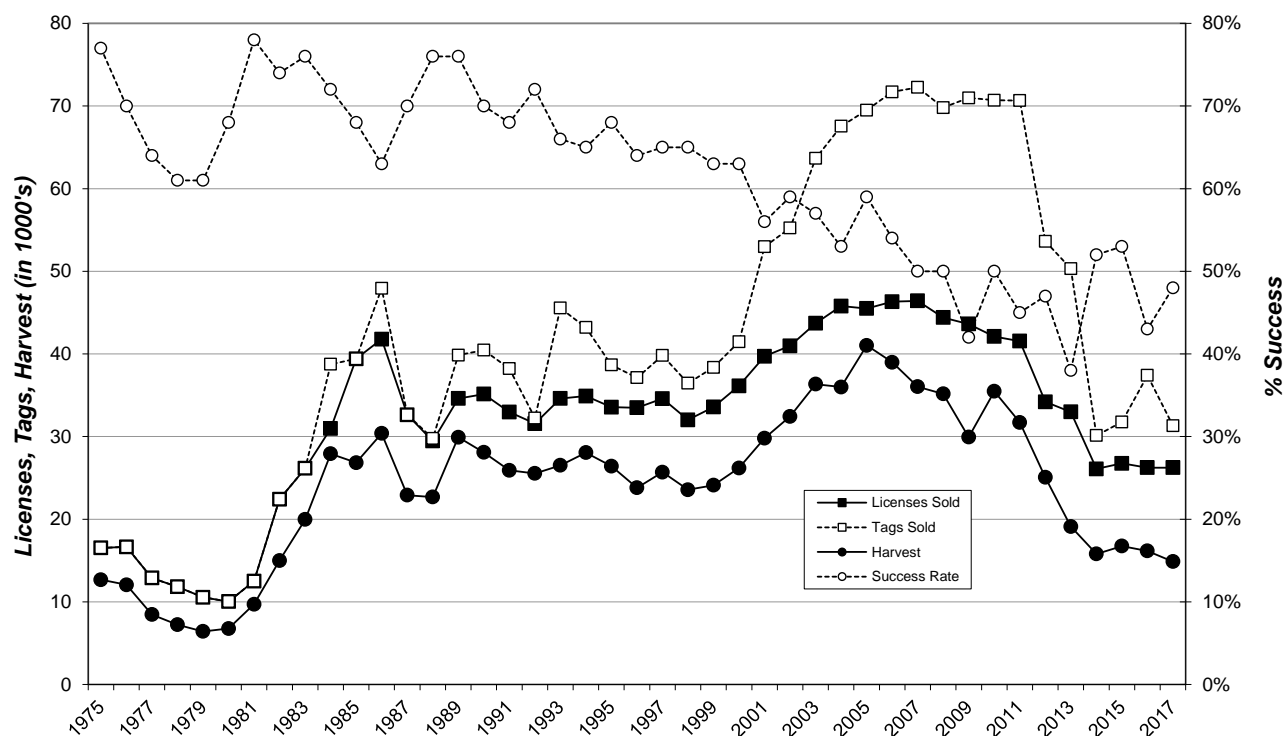
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Last Revised: 08-May-18	Licenses						Harvest Projections											Total Deer
	Resident			Nonresident			Whitetail				Mule Deer							
	Appl. 1st Choice *	Avail.	Sold	Avail.	Sold	Tags sold	Success		Bucks		Does		Bucks		Does			
							1st tag	2nd tag	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		
55A-01	891	500	500	leftovers	0	500	52%		213	2	44	2	0	0	0	0	262	
56A-11	432	350	350	leftovers	0	350	44%		133	6	20	2	0	0	0	0	155	
56A-13	32	200	185	leftovers	14	199	42%		6	10	62	0	0	0	0	0	85	
57A-01	1,141	900	898	leftovers	0	898	58%		497	8	37	0	0	0	0	0	520	
57A-03	27	400	381	leftovers	18	399	54%		0	5	178	13	0	0	0	0	217	
59A-01	488	100	100	leftovers	0	100	69%		30	0	0	0	40	0	0	0	69	
59A-11	204	250	250	leftovers	0	250	61%		145	2	6	0	0	0	0	0	152	
59A-13	7	100	100	leftovers	0	100	28%		0	2	21	2	0	0	0	0	28	
59B-01	54	20	20	leftovers	0	20	27%		5	0	0	0	0	0	0	0	5	
59B-11	245	350	349	leftovers	0	349	49%		137	0	30	0	0	0	2	0	172	
59B-13	7	100	77	leftovers	23	100	28%		0	6	25	0	0	0	0	0	28	
61A-01	421	100	100	leftovers	0	100	45%		38	3	4	0	0	0	0	0	45	
62A-01	574	250	251	leftovers	0	251	53%		113	3	16	0	0	0	0	0	133	
62A-03	25	50	50	leftovers	0	50	58%		0	2	26	0	0	0	2	0	29	
63A-01	194	50	52	leftovers	0	52	44%		15	0	0	0	8	0	0	0	23	
63A-11	436	400	400	leftovers	0	400	58%		204	7	21	0	0	0	0	0	232	
63A-13	4	300	241	leftovers	53	294	52%		7	12	107	27	0	0	0	0	154	
Totals	32,036	26,375	25,406	leftovers	830	31,319	1st tag	2nd tag	8,549	594	5,065	420	191	3	50	7	14,879	
Type 08/18=							51%	29%										
Type 09/19=							55%	25%										
* Number of 1st drawing applicants with that season as 1st choice.																		

* Number of 1st drawing applicants with that season as 1st choice.

East River Deer Regular Season 1975-2017

(does not include Special Buck or Landowner Own Land)



2017 East River LOL Harvest Projections

Last Revised: 30-Apr-18

Last Revised: 30-Apr-18																	
Harvest Projections																	
Unit	Licenses		Tags sold	Response Rate	Hunter Success	Tag Success	Whitetail				Mule Deer				Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
	Avail.	Sold					Bucks		Does		Bucks		Does				
							Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn			
ER1-01	Unitd	2,141	2,141	71%	40%	40%	713	22	70	0	57	0	3	0	865	4.91	4.45
ER1-08	Unitd	3,455	6,910	67%	54%	35%	1,407	82	841	44	38	0	36	0	2,449	5.05	4.48
Totals		5,596	9,051	68.6%	49%	37%	2,120	104	912	44	95	0	38	0	3,314	4.99	4.47

2017 East River LOL Harvest Distribution by Management Unit

Last Revised:
08-May-18

Unit	Reported Harvest									Projected Harvest									
	Whitetail				Mule Deer				Total	Whitetail				Mule Deer				Total	
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does			
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	%
01A (Minnehaha)	10	2	15	0	0	0	0	0	27	27	5	41	0	0	0	0	0	74	2.2%
03A (Brown)	28	1	11	0	0	0	0	0	40	77	3	30	0	0	0	0	0	110	3.3%
04A (Beadle)	37	2	10	1	0	0	0	0	50	101	5	27	3	0	0	0	0	137	4.1%
05A (Codington)	39	2	14	0	0	0	0	0	55	107	5	38	0	0	0	0	0	151	4.5%
06A (Brookings)	15	2	14	0	0	0	0	0	31	41	5	38	0	0	0	0	0	85	2.6%
07A (Yankton)	20	0	9	1	1	0	0	0	31	55	0	25	3	3	0	0	0	85	2.6%
08A (Davison)	11	1	4	0	2	0	0	0	18	30	3	11	0	5	0	0	0	49	1.5%
10A (Aurora)	21	0	8	1	0	0	1	0	31	57	0	22	3	0	0	3	0	85	2.6%
12A (Bon Homme)	19	1	9	0	1	0	0	0	30	52	3	25	0	3	0	0	0	82	2.5%
13A (Brule)	15	3	6	0	1	0	1	0	26	41	8	16	0	3	0	3	0	71	2.1%
14A (Buffalo)	7	0	4	0	0	0	1	0	12	19	0	11	0	0	0	3	0	33	1.0%
16A (Campbell)	11	2	11	0	4	0	6	0	34	30	5	30	0	11	0	16	0	93	2.8%
17A (Charles Mix)	37	0	12	1	9	0	2	0	61	101	0	33	3	25	0	5	0	167	5.0%
18A (Clark)	22	0	13	0	0	0	0	0	35	60	0	36	0	0	0	0	0	96	2.9%
19A (Clay)	6	0	0	0	0	0	0	0	6	16	0	0	0	0	0	0	0	16	0.5%
22A (Day)	16	1	6	0	0	0	0	0	23	44	3	16	0	0	0	0	0	63	1.9%
23A (Deuel)	11	0	5	0	0	0	0	0	16	30	0	14	0	0	0	0	0	44	1.3%
25A (Douglas)	9	0	3	0	0	0	0	0	12	25	0	8	0	0	0	0	0	33	1.0%
26A (Edmunds)	20	1	7	0	0	0	0	0	28	55	3	19	0	0	0	0	0	77	2.3%
28A (Faulk)	14	1	8	2	0	0	1	0	26	38	3	22	5	0	0	3	0	71	2.2%
29A (Grant)	30	7	21	0	0	0	0	0	58	82	19	58	0	0	0	0	0	159	4.8%
32A (Hamlin)	20	1	6	1	0	0	0	0	28	55	3	16	3	0	0	0	0	77	2.3%
33A (Hand)	52	0	15	0	3	0	1	0	71	142	0	41	0	8	0	3	0	194	5.9%
34A (Hanson)	10	0	3	0	0	0	0	0	13	27	0	8	0	0	0	0	0	36	1.1%
36A (Hughes)	10	0	2	0	4	0	1	0	17	27	0	5	0	11	0	3	0	46	1.4%
37A (Hutchinson)	30	1	6	0	0	0	0	0	37	82	3	16	0	0	0	0	0	101	3.1%
38A (Hyde)	11	0	7	0	0	0	0	0	18	30	0	19	0	0	0	0	0	49	1.5%
40A (Jerauld)	2	1	4	1	1	0	0	0	9	5	3	11	3	3	0	0	0	25	0.7%
42A (Kingsbury)	11	1	8	1	0	0	0	0	21	30	3	22	3	0	0	0	0	58	1.7%
43A (Lake)	14	0	11	0	0	0	0	0	25	38	0	30	0	0	0	0	0	68	2.1%
44A (Lincoln)	5	1	0	0	0	0	0	0	6	14	3	0	0	0	0	0	0	16	0.5%
46A (McCook)	15	1	6	0	0	0	0	0	22	41	3	16	0	0	0	0	0	60	1.8%
47A (McPherson)	8	0	3	0	0	0	0	0	11	22	0	8	0	0	0	0	0	30	0.9%
48A (Marshall)	12	1	4	0	0	0	0	0	17	33	3	11	0	0	0	0	0	47	1.4%
51A (Miner)	26	1	8	0	0	0	0	0	35	71	3	22	0	0	0	0	0	96	2.9%
52A (Moody)	12	2	2	1	0	0	0	0	17	33	5	5	3	0	0	0	0	47	1.4%
54A (Potter)	15	0	5	0	2	0	0	0	22	41	0	14	0	5	0	0	0	60	1.8%
55A (Roberts)	27	1	17	4	0	0	0	0	49	74	3	47	11	0	0	0	0	134	4.1%
56A (Sanborn)	22	0	11	0	0	0	0	0	33	60	0	30	0	0	0	0	0	90	2.7%
57A (Spink)	26	1	7	1	0	0	0	0	35	71	3	19	3	0	0	0	0	96	2.9%
59A (W Sully)	8	0	1	0	3	0	0	0	12	22	0	3	0	8	0	0	0	33	1.0%
59B (E Sully)	2	0	1	0	0	0	0	0	3	5	0	3	0	0	0	0	0	8	0.2%
61A (Turner)	11	0	2	1	0	0	0	0	14	30	0	5	3	0	0	0	0	38	1.2%
62A (Union)	12	0	6	0	0	0	0	0	18	33	0	16	0	0	0	0	0	49	1.5%
63A (Walworth)	16	0	7	0	4	0	0	0	27	44	0	19	0	11	0	0	0	74	2.2%
Unknown	0	0	0	0	0	0	0	0	0										
TOTALS	775	38	332	16	35	0	14	0	1,210	2,120	104	912	44	95	0	38	0	3,314	

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.
Use these figures for approximations only! All unknown harvest locations were assigned the license holder's county of residence, if possible.

2017 East River Special Buck Harvest Projections

Last Revised:

19-Mar-18

Last Revised: 19-Mar-18						Harvest Projections								Total Deer Harvest	Mean Satisfactn Rating	Average Days Hunted
						Whitetail				Mule Deer						
						Bucks		Does		Bucks		Does				
Unit/Type	Appl. 1st Choice *	Resident Licenses		Response Rate	Tag Success	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn			
		Avail.	Sold													
ER-01	993	502	499	85%	59%	265	4	6	0	22	0	0	0	297	5.16	5.11

ER-01	993	502	499	85%	59%	265	4	6	0	22	0	0	0	297	5.16	5.11
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2017 East River Special Buck Harvest Distribution

Last Revised:

19-Mar-18

Last Revised: 19-Mar-18	Reported Harvest									Projected Harvest									
	Whitetail				Mule Deer				Total	Whitetail				Mule Deer				Total	
	Bucks		Does		Bucks		Does			Bucks		Does		Bucks		Does			
	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn		
Unit	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Total	Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn	Estimate	%
01A (Minnehaha)	8	0	1	0	0	0	0	0	9	9	0	1	0	0	0	0	0	11	3.6%
03A (Brown)	12	0	0	0	0	0	0	0	12	14	0	0	0	0	0	0	0	14	4.8%
04A (Beadle)	4	1	0	0	0	0	0	0	5	5	1	0	0	0	0	0	0	6	2.0%
05A (Codington)	12	0	2	0	0	0	0	0	14	14	0	2	0	0	0	0	0	16	5.6%
06A (Brookings)	5	0	0	0	0	0	0	0	5	6	0	0	0	0	0	0	0	6	2.0%
07A (Yankton)	8	0	0	0	0	0	0	0	8	9	0	0	0	0	0	0	0	9	3.2%
08A (Davison)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4	1.2%
10A (Aurora)	4	0	0	0	0	0	0	0	4	5	0	0	0	0	0	0	0	5	1.6%
12A (Bon Homme)	5	0	0	0	0	0	0	0	5	6	0	0	0	0	0	0	0	6	2.0%
13A (Brule)	2	0	0	0	4	0	0	0	6	2	0	0	0	5	0	0	0	7	2.4%
14A (Buffalo)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
16A (Campbell)	3	0	0	0	2	0	0	0	5	4	0	0	0	2	0	0	0	6	2.0%
17A (Charles Mix)	3	0	0	0	3	0	0	0	6	4	0	0	0	4	0	0	0	7	2.4%
18A (Clark)	9	0	0	0	0	0	0	0	9	11	0	0	0	0	0	0	0	11	3.6%
19A (Clay)	4	1	0	0	0	0	0	0	5	5	1	0	0	0	0	0	0	6	2.0%
22A (Day)	6	0	1	0	0	0	0	0	7	7	0	1	0	0	0	0	0	8	2.8%
23A (Deuel)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4	1.2%
25A (Douglas)	2	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0.8%
26A (Edmunds)	9	0	0	0	0	0	0	0	9	11	0	0	0	0	0	0	0	11	3.6%
28A (Faulk)	11	0	0	0	0	0	0	0	11	13	0	0	0	0	0	0	0	13	4.4%
29A (Grant)	4	0	0	0	0	0	0	0	4	5	0	0	0	0	0	0	0	5	1.6%
32A (Hamlin)	5	0	0	0	0	0	0	0	5	6	0	0	0	0	0	0	0	6	2.0%
33A (Hand)	13	0	0	0	0	0	0	0	13	15	0	0	0	0	0	0	0	15	5.2%
34A (Hanson)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.4%
36A (Hughes)	8	0	0	0	2	0	0	0	10	9	0	0	0	2	0	0	0	12	4.0%
37A (Hutchinson)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4	1.2%
38A (Hyde)	2	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0.8%
40A (Jerauld)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4	1.2%
42A (Kingsbury)	5	0	0	0	0	0	0	0	5	6	0	0	0	0	0	0	0	6	2.0%
43A (Lake)	5	0	0	0	0	0	0	0	5	6	0	0	0	0	0	0	0	6	2.0%
44A (Lincoln)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.4%
46A (McCook)	2	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0.8%
47A (McPherson)	6	1	0	0	0	0	0	0	7	7	1	0	0	0	0	0	0	8	2.8%
48A (Marshall)	4	0	0	0	0	0	0	0	4	5	0	0	0	0	0	0	0	5	1.6%
51A (Miner)	4	0	0	0	0	0	0	0	4	5	0	0	0	0	0	0	0	5	1.6%
52A (Moody)	3	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	4	1.2%
54A (Potter)	6	0	0	0	2	0	0	0	8	7	0	0	0	2	0	0	0	9	3.2%
55A (Roberts)	3	0	1	0	0	0	0	0	4	4	0	1	0	0	0	0	0	5	1.6%
56A (Sanborn)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
57A (Spink)	10	0	0	0	0	0	0	0	10	12	0	0	0	0	0	0	0	12	4.0%
59A (W Sully)	9	0	0	0	4	0	0	0	13	11	0	0	0	5	0	0	0	15	5.2%
59B (E Sully)	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.4%
61A (Turner)	8	0	0	0	0	0	0	0	8	9	0	0	0	0	0	0	0	9	3.2%
62A (Union)	2	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0.8%
63A (Walworth)	4	0	0	0	2	0	0	0	6	5	0	0	0	2	0	0	0	7	2.4%
Unknown	0	0	0	0	0	0	0	0	0										
TOTALS	225	3	5	0	19	0	0	0	252	265	4	6	0	22	0	0	0	297	

Any by management unit projected harvest values will differ from statewide projected harvest values due to incorrect sampling proportions within units.

Use these figures for approximations only!

NATIONAL WILDLIFE REFUGE DEER

There were a total of 215 licenses issued for the 2017 Wildlife Refuge Deer seasons, which included 165 at Sand Lake (150 residents and 15 nonresidents); 29 at Lacreek (26 residents and 3 nonresidents); and 21 at Waubay (19 residents and 2 nonresidents).

All license-holders were surveyed for each season and response rates for Sand Lake, Lacreek, and Waubay refuges were 85%, 76%, and 86%, respectively. Approximately 82% of survey responses came through the Internet.

The seasons had different opening dates at each refuge. The average days hunted were 2.72 at Sand Lake, 2.73 at Lacreek and 2.22 at Waubay.

The reported harvest at the refuges consisted of only white-tailed deer. The projected harvest for Sand Lake was 36 bucks and 15 does, for Lacreek was 11 bucks and 1 doe, and for Waubay was 10 bucks and 3 does. The projected success rate for Sand Lake was 31%, for Lacreek was 41%, and for Waubay was 61%.

Harvest summaries for 2008-2017 National Wildlife Refuge Deer Seasons

Sand Lake National Wildlife Refuge

YEAR	LICENSES	BUCKS	DOES	% SUCCESS	AVG DAYS HUNTED
2008	399	99	135	29%	3.39
2009	275	67	76	26%	2.88
2010	272	64	63	23%	2.86
2011	220	33	59	21%	3.30
2012	128	35	11	36%	2.54
2013	132	42	22	48%	2.48
2014	133	50	5	42%	2.34
2015	165	52	10	37%	2.89
2016	163	33	16	30%	2.60
2017	165	36	15	31%	2.72

Lacreek National Wildlife Refuge

YEAR	LICENSES	BUCKS	DOES	% SUCCESS	AVG DAYS HUNTED
2008	43	11	6	40%	2.43
2009	43	19	4	52%	2.61
2010	46	16	10	57%	2.46
2011	45	16	9	45%	2.93
2012	48	14	19	47%	2.38
2013	48	11	4	22%	1.97
2014	34	8	0	24%	3.10
2015	34	12	0	35%	2.71
2016	23	7	1	34%	2.50
2017	29	11	1	41%	2.73

Waubay National Wildlife Refuge

YEAR	LICENSES	BUCKS	DOES	% SUCCESS	AVG DAYS HUNTED
2008	66	17	5	33%	2.29
2009	66	16	9	38%	2.23
2010	66	17	8	37%	2.22
2011	64	9	7	25%	3.82
2012	51	17	2	38%	1.76
2013	51	15	1	31%	1.71
2014	33	8	2	32%	1.54
2015	33	8	0	24%	2.10
2016	33	8	1	29%	2.29
2017	21	10	3	61%	2.22

2017 Sand Lake Refuge Deer Harvest Projections

Last Revised:

22-Feb-18

Unit/Type	Licenses							Harvest Projections							
	Resident			Nonresident			Response	Tag	Whitetail				Total Deer	Mean Satisf	Avg Days
	Appl. 1st	Appl. 1st	Response	Tag	Bucks				Does						
					Choice *	Available			Sold	Choice *	Available	Sold			
SL1-01	136	20	20	19	2	2	91%	30%	7	0	0	0	7	4.71	3.00
SL1-03	5	10	10	1	1	1	91%	30%	0	1	2	0	3	5.25	1.90
SL2-01	201	20	20	24	2	2	95%	57%	10	0	2	0	13	5.48	2.71
SL2-03	4	10	10	0	1	1	82%	11%	0	0	1	0	1	5.71	2.33
SL3-01	58	20	20	7	2	2	77%	41%	9	0	0	0	9	5.80	3.18
SL3-03	3	10	10	1	1	1	82%	33%	0	0	4	0	4	4.43	1.22
SL4-01	48	20	20	8	2	2	82%	22%	5	0	0	0	5	4.06	4.11
SL4-03	0	10	10	0	1	1	91%	20%	0	0	2	0	2	5.00	1.60
SL5-01	65	20	20	8	2	2	77%	18%	4	0	0	0	4	4.29	2.94
SL5-03	2	10	10	0	1	1	82%	33%	0	0	4	0	4	5.29	2.11
Licenses	522	150	150	68	15	15	84.8%	31%	35	1	15	0	51	4.96	2.72

2017 Lacreek Refuge Deer Harvest Projections

Unit/Type	Licenses						Response	Tag	Harvest Projections						Mean	Avg	
	Resident			Nonresident					Whitetail				Total	Satisf			Days
	Appl. 1st			Appl. 1st					Bucks		Does		Deer				
	Choice *	Available	Sold	Choice *	Available	Sold			Adult	Fawn	Adult	Fawn	Harvested	Score			Hunted
LC1-01	250	15	15	8	2	2	76%	31%	4	0	1	0	5	4.62	3.08		
LC2-01	216	10	11	24	1	1	75%	56%	7	0	0	0	7	6.00	2.22		
Licenses	466	25	26	32	3	3	75.9%	41%	11	0	1	0	12	5.18	2.73		

All units require the use of muzzleloader firearms.

2017 Waubay Refuge Deer Harvest Projections

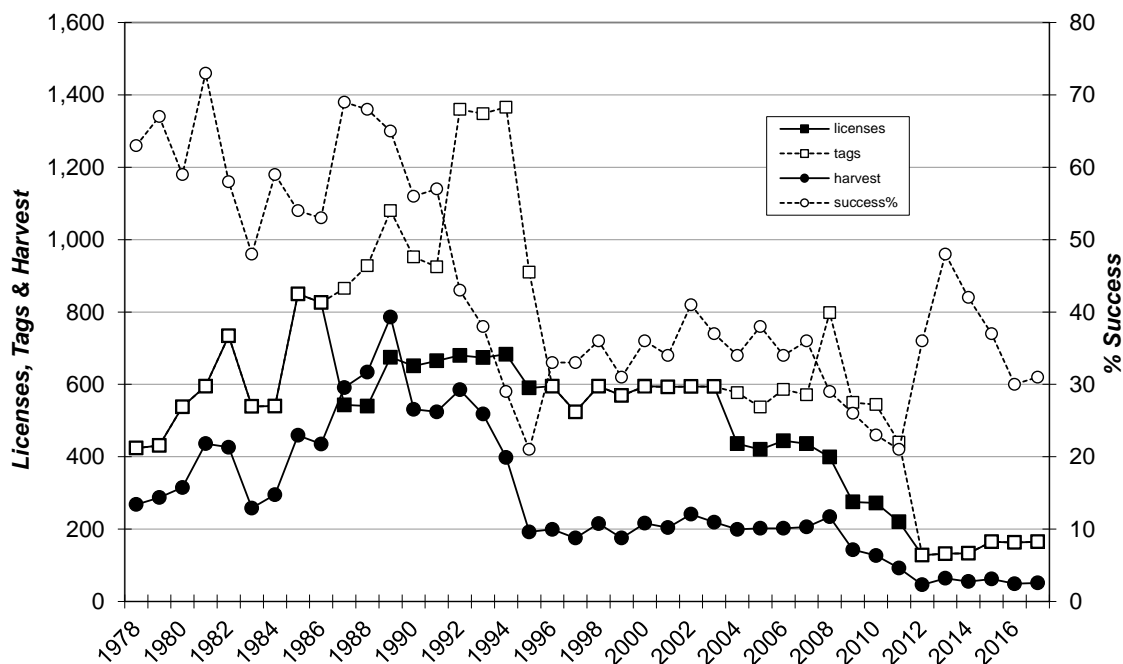
Unit/Type	Licenses						Response	Tag	Harvest Projections						Mean Satisf	Avg Days
	Resident			Nonresident					Whitetail				Total Deer			
	Appl. 1st			Appl. 1st					Bucks		Does					
	Choice *	Available	Sold	Choice *	Available	Sold			Adult	Fawn	Adult	Fawn				
Choice *	Available	Sold	Choice *	Available	Sold	Rate	Success	Adult	Fawn	Adult	Fawn	Harvested	Score	Hunted		
WA1-01	70	10	10	2	1	1	91%	60%	6	1	0	0	7	5.10	2.40	
WA3-01	75	10	9	1	1	1	80%	63%	4	0	3	0	6	5.86	2.00	
Licenses	145	20	19	3	2	2	85.7%	61%	9	1	3	0	13	5.44	2.22	

Response rate for all units combined was:

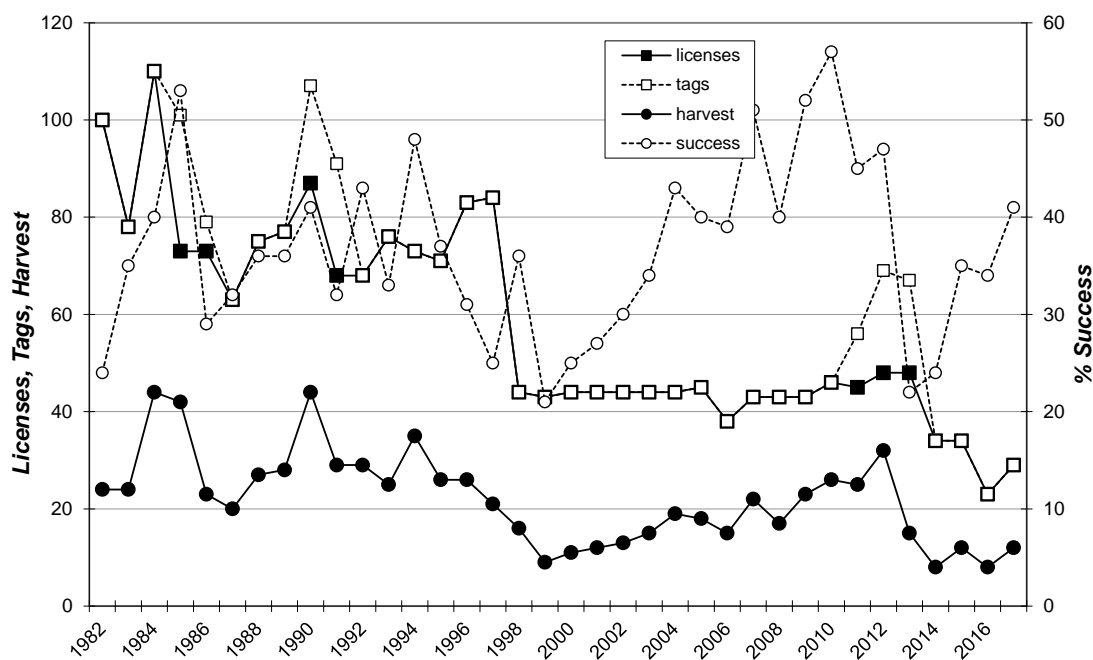
83.7%

* Number of 1st drawing applicants with that season as 1st choice.

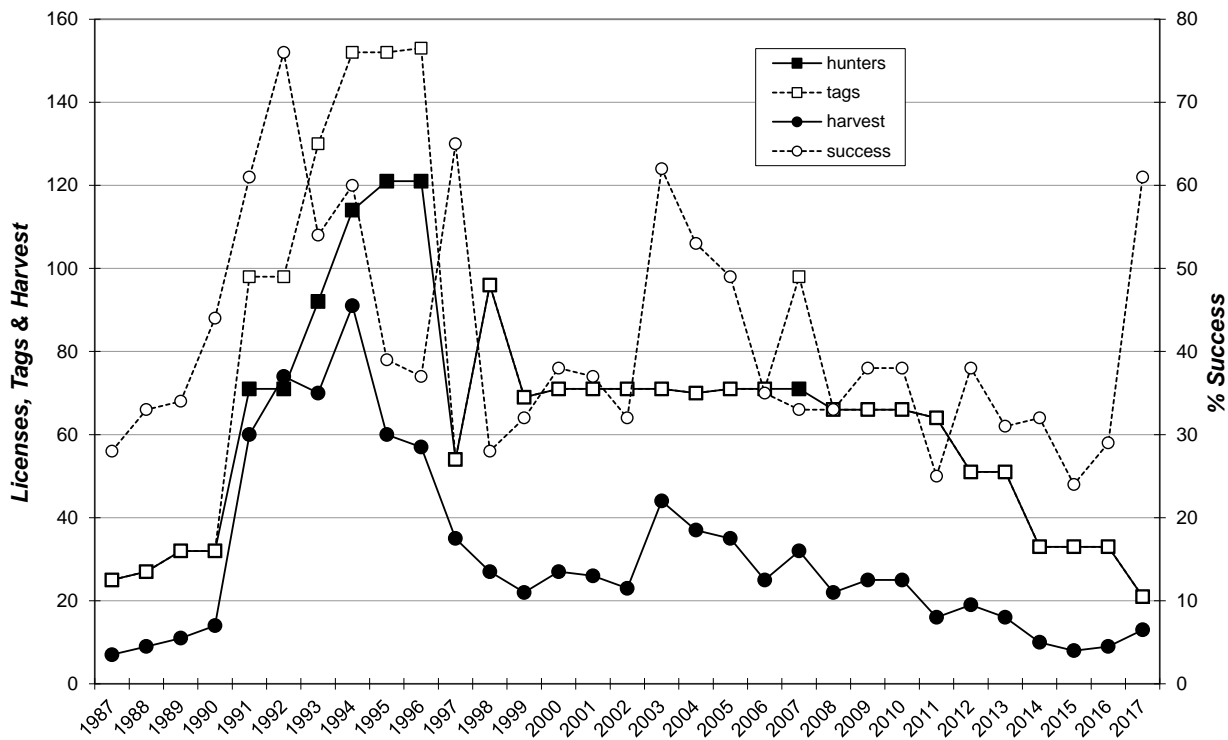
Sand Lake National Wildlife Refuge 1978-2017



Lacreek National Wildlife Refuge 1982-2017



Waubay National Wildlife Refuge 1987-2017



BLACK HILLS DEER

There were 4,662 single-tag licenses issued for the 2017 Black Hills Deer season (4,319 resident, 343 nonresident).

A random sample of 1,878 hunters was taken (40% of license holders) and there were 1,484 responses for a 79% return rate. Approximately 69% of responses were received through the Internet.

The season ran the month of November, a total of 30 days. Those responding reported hunting an average of 4.39 days, which projected to 20,476 recreation days for the season. The mean satisfaction score for all combined units was 5.76 on a scale ranging from 1 = "very dissatisfied" to 7 = "very satisfied".

The harvest projection for the Black Hills Deer season was 3,325 deer (2,539 adult whitetail bucks, 77 fawn whitetail bucks, 568 adult whitetail does, 62 fawn whitetail does, and 79 adult mule deer bucks. The overall season harvest success rate was 71%.

Including the estimated Black Hills harvest of 2,056 deer from the Archery, Youth, Mentored Youth, and Muzzleloader seasons, approximately 5,381 deer were harvested in the Black Hills proper.

Harvest summaries for the 2009-2017 Black Hills Deer seasons

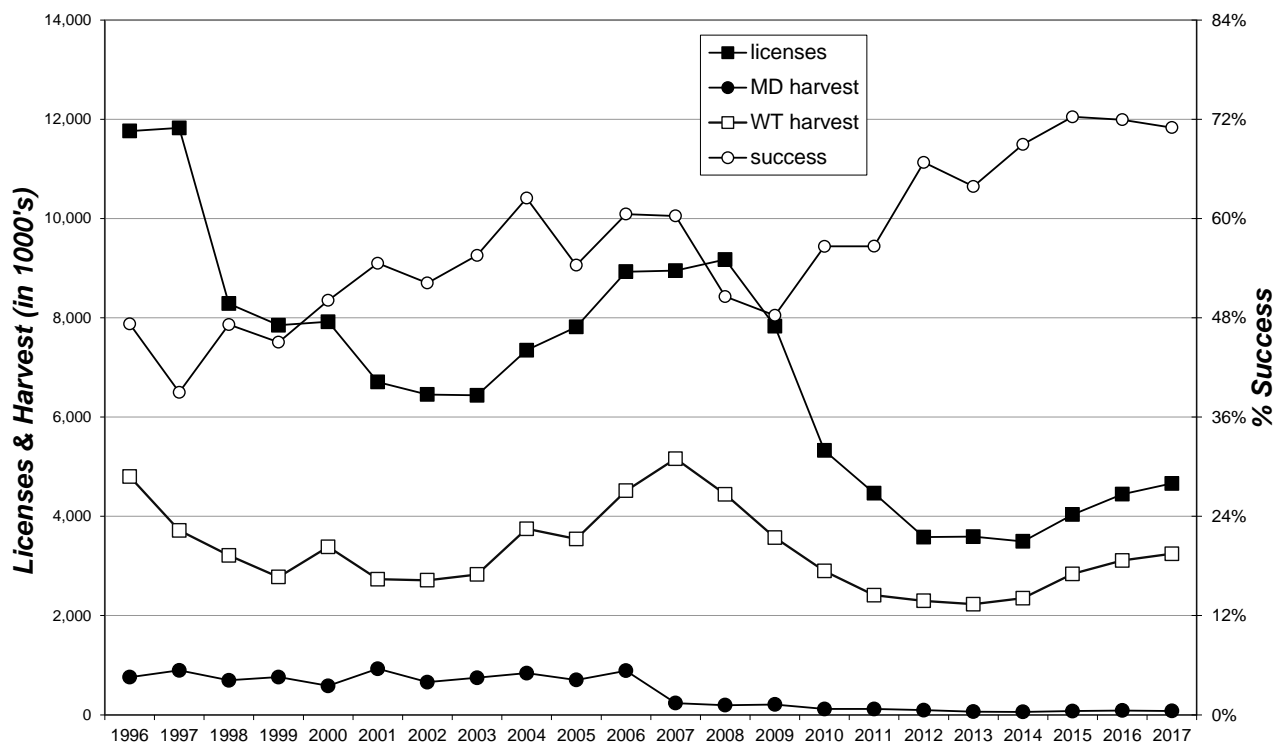
Harvest Summary for the 2009-2017 Black Hills Deer Seasons										
YEAR	Licenses Sold		Harvest						Avg Days	Avg Satis
	Resident	Nonres	Bucks		Does		Total	Success	Hunted	
			WT	Mule	WT	Mule				
2009	7,218	613	2,450	134	1,122	74	3,781	48%	4.75	4.53
2010	4,938	389	2,300	101	599	16	3,017	57%	4.58	5.07
2011	4,137	329	2,011	107	401	10	2,530	57%	4.78	4.89
2012	3,337	243	2,008	88	289	6	2,391	67%	4.23	5.22
2013	3,330	261	1,912	62	318	2	2,294	64%	4.68	5.27
2014	3,242	252	2,076	59	275	0	2,410	69%	4.82	5.48
2015	3,741	294	2,533	74	307	2	2,917	72%	4.61	5.75
2016	4,120	325	2,604	86	505	2	3,198	72%	4.38	5.76
2017	4,319	343	2,616	79	630	0	3,325	71%	4.39	5.76

2017 Black Hills Deer Harvest Projections

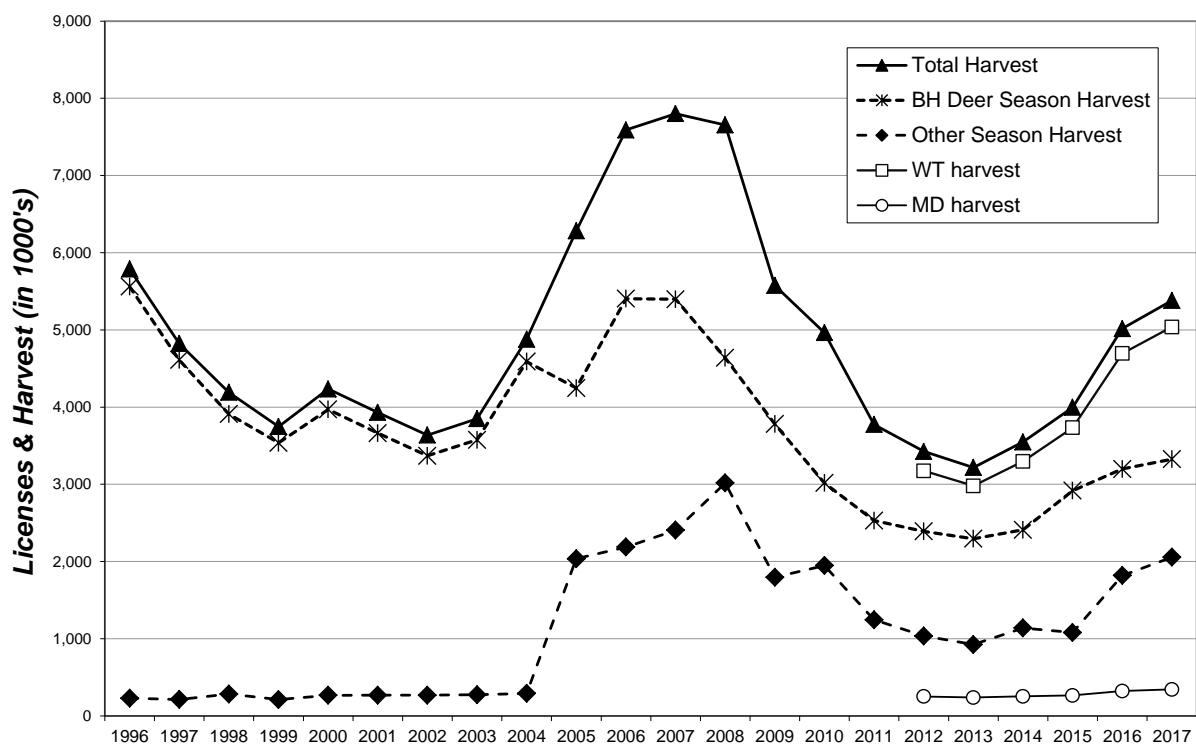
Last Revised: 22-Feb-18

Unit/Type	Licenses								Harvest Projections										Mean Satisfctn Score	Avg Days Hunted
	Resident				Nonresident				Whitetail				Mule Deer				Total Deer			
	Appl. 1st			Resp.	Appl. 1st			Success	Bucks		Does		Bucks		Does					
	Choice *	Avail.	Sold		Choice *	Avail.	Sold		Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn				
																		Harvested		
BH1-01	3,826	200	220	329	16	16	81%	70%	82	2	1	0	79	0	0	0	164	+/-7	5.71	5.34
BH1-11	9,196	3,500	3,500	844	280	279	80%	72%	2,456	33	219	19	0	0	0	0	2,727	+/-105	5.81	4.58
BD1-13	237	500	500	30	40	40	79%	69%	1	34	299	37	0	0	0	0	371	+/-11	5.45	2.94
BD2-13	61	100	99	7	8	8	71%	58%	0	7	49	6	0	0	0	0	62	+/-6	5.59	2.96
Totals	13,320	4,300	4,319	1,210	344	343	79.0%	71%	2,539	77	568	62	79	0	0	0	3,325	+/-129	5.76	4.39
The response rate for all units combined is: 79.0%																				
Satisfaction scale of 1=very dissatisfied to 7=very satisfied.																				
* Number of 1st drawing applicants with that season as 1st choice.																				

Black Hills Deer 1996-2017



Black Hills Deer Harvest 1996-2017



CUSTER STATE PARK DEER

The 2017 Custer State Park Deer season was open November 1-30 for Any Deer and Any Whitetail licenses and from December 1-15 for Antlerless Whitetail muzzleloader licenses. Only archery equipment could be used from November 1-15. A total of 64 licenses were issued.

All license holders that provided an email address when they applied for their license were surveyed by email and those that did not respond or did not provide an email were sent paper surveys. A total of 57 responses were received for an 89% return rate. Those responding reported hunting an average of 3.50 days, which projected to 224 recreation days for the season.

The harvest projection for the Custer State Park Deer season was 42 deer (30 adult whitetail bucks, 9 adult whitetail does, 2 fawn whitetail does, and 1 adult mule deer buck). The overall season harvest success rate was 66%.

Summary comparison of the 2008-2017 Custer State Park Deer seasons

Year	Apps	Licenses	Whitetail		Mule		Total	Success	Avg Days Hunted
			Bucks	Does	Bucks	Does			
2008	1,088	47	8	38	2	0	48	86%	3.0
2009	1,667	47	10	42	2	0	54	87%	2.7
2010	1,336	47	8	44	2	0	52	84%	6.3
2011	1,831	47	10	23	2	0	35	88%	2.6
2012	1,825	12	10	0	1	0	11	92%	3.5
2013	1,474	30	7	17	0	0	24	80%	3.3
2014	1,755	30	8	13	0	0	21	68%	2.2
2015	1,866	29	8	15	0	0	23	79%	2.9
2016	2,088	40	10	19	0	0	29	72%	2.3
2017	2,391	64	30	11	1	0	42	66%	3.5

2017 Custer State Park Deer Harvest Projections

Last Revised: 15 Feb 2018

Last Revised: 13 Feb 2018

Unit/Type	Licenses					Harvest Projections												Mean Satisfctn Score	Avg Days Hunted
	Resident													Total Deer Harvested	CI (95%)				
	Appl. 1st Choice *	Avail.	Sold	Resp.	Success	Whitetail				Mule Deer									
						Bucks		Does		Bucks		Does							
						Adult	Fawn	Adult	Fawn	Adult	Fawn	Adult	Fawn						
CU1-01	1,321	5	5	100%	80%	3	0	0	0	1	0	0	0	4	+/-0	5.00	3.60		
CU1-11	1,011	29	29	90%	92%	27	0	0	0	0	0	0	0	27	+/-1	5.73	5.42		
CU1-13	59	30	30	87%	38%	0	0	9	2	0	0	0	0	12	+/-2	5.78	1.62		
	2,391	64	64	89.1%	66%	30	0	9	2	1	0	0	0	42	+/-3	5.70	3.50		

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

* Number of 1st drawing applicants with that season as 1st choice.

Satisfaction scale of 1=very dissatisfied to 7=very satisfied.

* Number of 1st drawing applicants with that season as 1st choice.

MOUNTAIN GOAT

The 2017 season for Mountain Goats in the Black Hills was open from September 1 through December 31. There were two licenses issued for the Mountain Goat season in the Black Hills. There were 3,505 applicants for those two licenses. Both hunters harvested billies and reported hunting 28 total days, an average of 14 days per hunter.

Comparison of the 2005-2017 Black Hills Mountain Goat seasons

Year	Apps/License	Billies Harvested	Nannies Harvested	Success	Avg. Days Hunted
2005	2,591/2	0	2	100%	2.5
2006	2,678/2	0	1	50%	5.5
2007-2014	No Season				
2015	3,758/2	1	1	100%	4.3
2016	3,564/2	2	0	100%	8.0
2017	3,505/2	2	0	100%	14.0

BIGHORN SHEEP

The 2017 season for Bighorn Sheep was open from September 1 through December 31. In addition to the traditional unit in Pennington County west of SD Highway 79, an additional unit 2 was created in 2008 in Custer County west of Highway 79 with one license available. There were 4,357 applicants for the two any-bighorn licenses (2,304 for unit 1 and 2,053 for unit 2). An additional license was auctioned to the highest bidder and was valid in unit 2. All hunters were surveyed and all were successful at harvesting a ram. The three hunters reported an average of 16.7 days hunting. The Custer State Park Bighorn Sheep season remained closed in 2017.

Comparison of the 2009-2017 Black Hills Bighorn Sheep seasons

Year	Apps/License	Rams Harvested	Ewes Harvested	Success	Avg. Days Hunted
2009	3,541/5	5	0	100%	8.6
2010	3,643/5	5	0	100%	23.0
2011	3,614/3	3	0	100%	6.7
2012	3,381/2	2	0	100%	6.0
2013	4,033/2(+1)	3	0	100%	4.5
2014	4,336/2(+1)	3	0	100%	9.2
2015	4,757/2(+1)	3	0	100%	13.0
2016	4,538/(2(+1)	3	0	100%	4.0
2017	4,357/(2(+1)	3	0	100%	16.7

Comparison of the 2001-2017 Custer State Park Bighorn Sheep seasons

Year	Applications	Licenses	Ram Harvest	Success	Avg. Days Hunted
2001	2,466	3	3	100%	1.7
2002	2,424	2	2	100%	2.5
2003	2,506	2	2	100%	1.5
2004	2,725	3	3	100%	4.0
2005-2017	CLOSED				

MOUNTAIN LION

The 2017/18 Black Hills season opened on December 26, 2017 and ended on March 31, 2018. The harvest limit was 60 total or 40 female lions. After the Black Hills season closed, anyone with a valid 2017/18 license who did not take a mountain lion could hunt the remainder of the calendar year on land that was located outside the Black Hills Fire Protection District.

There were 2,878 resident mountain lion licenses issued prior to the end of the 2017/18 Black Hills season. A total of 57 access permits were also issued for Custer State Park (CSP).

Surveys were emailed or mailed to all hunters who purchased a license before the Black Hills season ended and the survey response rate was 72%. Active hunters reported hunting an average of 7.3 days outside of CSP and 4.0 days inside CSP. Average hunter satisfaction was 4.93 and was based on a numerical scale from 1 (very dissatisfied) to 7 (very satisfied), 4 being neutral. Hunters who purchased a license after the regular Black Hills season ended were not surveyed.

The overall Black Hills success rate was 2.56%, with a total of 31 mountain lions harvested, 19 of which were females. Check station data for the Black Hills showed that 6 lions were harvested in Lawrence County, 9 in Pennington County, and 16 in Custer County. Nine lions were harvested within Custer State Park, all by hunters with access permits that allowed the use of hounds.

A total of 11 lions were harvested on the prairie outside of the Black Hills Fire Protection District from April 1, 2017 to March 31, 2018. The total included 7 subadult males, 2 adult males, 1 subadult female, and 1 adult female.

Harvest statistics for 2008/09 - 2017/18 Black Hills Mountain Lion seasons (excluding CSP)

YEAR	Season Length (Days)	Licenses Sold	Active Hunters	Harvest		Average Days Hunted	Average Satisf
				Males	Females		
2008/09	45	2,428	1,646	11	15	6.5	5.18
2009/10	41	2,082	1,468	16	24	6.2	5.00
2010/11	52	2,325	1,790	19	26	6.6	5.11
2011/12	61	3,482	2,646	27	42	7.1	4.92
2012/13	96	4,351	2,872	23	31	7.3	4.71
2013/14	96	3,293	1,861	18	26	6.9	4.69
2014/15	96	3,211	1,689	18	20	7.1	4.58
2015/16	97	3,102	1,529	11	24	7.1	4.75
2016/17	96	2,561	1,153	10	13	6.9	4.51
2017/18	96	2,878	1,199	7	15	7.3	4.87

2017/18 Black Hills Mountain Lion Harvest Projections

Last Revised:
09-Aug-18

Last Revised:
09-Aug-18

Unit/Type	Resident Licenses		Response Rate	Active Hunters		Active Hunter Success	Harvest Reports						Total Lion Harvest	Mean Satisfactn Rating	Average Days Hunted	
	Avail.	Sold		Black Hills	CSP		Males			Females					BHills	CSP
							Adult	Subadult	<1 year	Adult	Subadult	<1 year				
Black Hills (no CSP permit)	Unlimited	2,821	71%	1,171	----	1.88%	2	4	1	8	7	0	22	4.87	7.2	----
CSP Boot Access Permit	45	45	82%	27	29	0.0%	0	0	0	0	0	0	0	5.00	10.3	3.1
CSP Hound Access Permit	12	12	92%	2	12	75.0%	4	1	0	1	2	1	9	5.91	7.5	6.1
Totals		2,878	71.5%	1,199	41	2.58%	6	5	1	9	9	1	31	4.93	7.3	4.0

Harvest statistics for 2010/11 - 2017/18 Custer State Park Mountain Lion seasons

YEAR	Season Length (Days)	Permits Issued	Active Hunters	Harvest		Average Days Hunted	Average Satisf
				Males	Females		
2010/11	90	10	8	1	1	14.0	NA
2011/12	61	74	57	0	4	4.4	5.03
2012/13	96	162	104	3	4	3.8	4.88
2013/14	96	136	92	4	5	3.6	4.99
2014/15	96	136	90	3	2	3.4	4.60
2015/16	97	57	30	5	1	5.6	5.44
2016/17	96	57	37	4	3	3.7	5.13
2017/18	96	57	41	5	4	4.0	5.26

Reported participation and mean days hunted by Custer State Park permit period

2017/2018 CSP Lion Season	Mean Days Hunted							
	Dec. 26 Jan 8 ^a	Jan 9 Jan 22	Jan 23 Feb 5 ^a	Feb 6 Feb 19	Feb 20 Mar 4 ^a	Mar 5 Mar 18	Mar 19 Mar 31 ^a	TOTAL
Permits Issued	3	15	3	15	3	15	3	57
Sample (n)	3	15	3	15	3	15	3	57
Responded (N)	2	13	3	13	3	11	3	48
Response Rate	67%	87%	100%	87%	100%	73%	100%	84.2%
Reported Did Not Hunt	0	5	0	3	0	5	0	13
Reported Hunted	2	8	3	10	3	6	3	35
Projected Hunted	3	9	3	12	3	8	3	41
Reported Days Hunted	8	27	25	25	18	23	16	142
Projected Days Hunted	12	31	25	29	18	31	16	162
Mean Days Hunted	4.0	3.4	8.3	2.5	6.0	3.8	5.3	4.0
Lions Harvested ^b	3	0	2	0	2	0	2	8

a. hunting with hounds allowed

b. total lions harvested based on mandatory check-in data, not returned surveys. One successful hunter did not respond to the survey.

Lion hunters' preference for mountain lion population over the next 5 years

	All Licensed Lion Hunters	Inactive Lion Hunters	Active Lion Hunters	Harvested a Lion
Decrease A Lot	17.5	21.1	12.5	14.8
Decrease A Little	17.9	19.5	15.6	7.4
Stay About the Same	39.9	35.5	45.9	59.3
Increase A Little	13.4	11.3	16.2	18.5
Increase A Lot	3.6	2.9	4.6	—
Not Sure	7.69	9.59	5.09	—
N	2,002	1,157	845	27
Mean*	2.91	2.84	3.0	2.81

*Mean preference is based on a scale of 1-5, where "1" is decrease a lot, "3" is stay the same, and "5" is increase a lot.